

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
FIELD: AGRICULTURE, FOOD AND NATURAL RESOURCES							
Cluster: Agriculture, Food and Natural Resource							
Pathway: Agribusiness Systems							
01.0102 AGRIBUSINESS/AGRICULTURAL BUSINESS OPERATIONS. A program that prepares individuals to manage agricultural businesses and agriculturally related operations within diversified corporations. Includes instruction in agriculture, agricultural specialization, business management, accounting, finance, marketing, planning, human resources management, and other managerial responsibilities. Examples: [Agricultural Systems Management]						F	N
01.010201 Agriculture Business	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AS	60	Land	
01.010202 Agriculture Business Management	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AAS	64	Land	
01.010200 Agri Business	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	72	Land	
01.010111 Office Management			ACTIVE	EMPH	72		
01.010122 Management and Sales			ACTIVE	EMPH	72		
01.010211 Petroleum Sales			ACTIVE	EMPH	72		
01.030411 Crop Science			ACTIVE	EMPH	72		
01.090111 Animal Science			ACTIVE	EMPH	72		
01.090511 Dairy Science			ACTIVE	EMPH	72		
01.010200 Agri Business	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	72	Land	
01.010111 Office Management			ACTIVE	EMPH	72		
01.010122 Management and Sales			ACTIVE	EMPH	72		
01.010123 Petroleum Sales			ACTIVE	EMPH	72		
01.030411 Crop Science			ACTIVE	EMPH	72		
01.090111 Animal Science			ACTIVE	EMPH	72		
01.090511 Dairy Science			ACTIVE	EMPH	72		
01.010200 Agribusiness Service and Management	South Central College	5183 North Mankato Campus	ACTIVE	AAS	72	Land	
01.010212 Diversified			ACTIVE	EMPH	72		
01.090100 Animal Science			ACTIVE	EMPH	72		
01.110200 Agronomy			ACTIVE	EMPH	72		
01.010200 Agribusiness Service and Management	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	72	Land	
01.010200 Diversified			ACTIVE	EMPH	72		
01.090100 Animal Science			ACTIVE	EMPH	72		
01.110200 Agronomy			ACTIVE	EMPH	72		
01.010200 Agribusiness Management	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	AS	60	Land	
01.010212 Agribusiness Management			ACTIVE	EMPH	6		
01.010200 Agribusiness Management	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
01.010218 Agricultural Marketing & Procurement			ACTIVE	EMPH	15		
01.010219 Agricultural Finance			ACTIVE	EMPH	15		

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01.010417 Farm Management			ACTIVE	EMPH	15			
01.0103 AGRICULTURAL ECONOMICS. A program that focuses on the application of economics to the analysis of resource allocation, productivity, investment, and trends in the agricultural sector, both domestically and internationally. Includes instruction in economics and related subfields as well as applicable agricultural fields.							B	Y
01.010308 Agricultural Commodities Marketing	Central Lakes College	5276 Central Lakes Ag Building	ACTIVE	Certificate	25	Land		
01.010307 Agricultural Commodities Marketing	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	25	Land		
01.010310 Advanced Agricultural Commodity Marketing	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	15	Land		
01.010309 Agricultural Commodities Marketing	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	25	Land		
01.010304 Agricultural Commodities Marketing	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	25	Land		
01.010304 Agricultural Commodities Marketing	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	25	Land		
01.010307 Agricultural Commodities Marketing	South Central College	5183 Faribault Campus	ACTIVE	Certificate	25	Land		
01.0104 FARM/FARM AND RANCH MANAGEMENT. A program that prepares individuals to manage farms, ranches, and similar enterprises. Includes instruction in applicable agricultural specialization, business management, accounting, taxation, capitalization, purchasing, government programs and regulations, operational planning and budgeting, contracts and negotiation, and estate planning.							F	Y
01.010401 Advanced Farm Business Management	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	ATC	30	Land		
01.010406 Farm Business Management	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	60	Land		
01.010401 Advanced Farm Business Management	Central Lakes College	5276 Central Lakes Ag Building	ACTIVE	ATC	30	Land		
01.010410 Applications in Farm Business Management	Central Lakes College	5276 Central Lakes Ag Building	ACTIVE	Certificate	30	Land		
01.010411 Current Issues in Farm Business Management	Central Lakes College	5276 Central Lakes Ag Building	ACTIVE	Certificate	30	Land		
01.010409 Essentials of Farm Business Management	Central Lakes College	5276 Central Lakes Ag Building	ACTIVE	Certificate	30	Land		
01.010401 Advanced Farm Business Management	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	ATC	30	Land		
01.010409 Applications in Farm Business Management	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	30	Land		
01.010408 Essentials of Farm Business Management	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	30	Land		
01.010406 Farm Business Management	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	60	Land		
01.010401 Advanced Farm Business Management	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	ATC	30	Land		
01.010400 Applications in Farm Business Management	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	30	Land		
01.010410 Current Issues in Farm Business Management	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	10	Land		
01.010401 Essentials of Farm Business Management	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	30	Land		
01.010406 Farm Business Management	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Diploma	60	Land		
01.010400 Farm Operations and Management	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Diploma	40	Land		
01.010401 Advanced Farm Business Management	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	ATC	30	Land		

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01.010406 Farm Business Management	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	60	Land	
01.010400 Farm Operation and Management	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	72	Land	
01.010412 Farm Management			ACTIVE	EMPH	72		
01.030116 Poultry Production			ACTIVE	EMPH	72		
01.030412 Crop Science			ACTIVE	EMPH	72		
01.090112 Animal Science			ACTIVE	EMPH	72		
01.090512 Dairy Science			ACTIVE	EMPH	72		
01.010400 Farm Operation and Management	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	72	Land	
01.010412 Farm Management			ACTIVE	EMPH	72		
01.030117 Poultry Production			ACTIVE	EMPH	72		
01.030412 Crop Science			ACTIVE	EMPH	72		
01.090112 Animal Science			ACTIVE	EMPH	72		
01.090512 Dairy Science			ACTIVE	EMPH	72		
01.010401 Advanced Farm Business Management	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	ATC	30	Land	
01.010406 Farm Business Management	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	60	Land	
01.010401 Advanced Farm Business Management	South Central College	5183 Faribault Campus	ACTIVE	ATC	30	Land	
01.010408 Applications in Farm Business Management	South Central College	5183 Faribault Campus	ACTIVE	Certificate	30	Land	
01.010409 Essentials of Farm Business Management	South Central College	5183 Faribault Campus	ACTIVE	Certificate	30	Land	
01.010406 Farm Business Management	South Central College	5183 Faribault Campus	ACTIVE	Diploma	60	Land	
01.010401 Advanced Farm Business Management	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	ATC	30	Land	
01.010406 Farm Business Management	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	60	Land	
01.0105 AGRICULTURAL/FARM SUPPLIES RETAILING AND WHOLESALING. A program that prepares individuals to sell agricultural products and supplies, provide support services to agricultural enterprises, and purchase and market agricultural products. Includes instruction in basic business management, marketing, retailing and wholesaling operations, and applicable principles of agriculture and agricultural operations.						F	Y
01.010501 Agriculture Business Marketing	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AAS	64	Land	
01.0106 AGRICULTURAL BUSINESS TECHNOLOGY. A program that prepares individuals to perform specialized support functions related to agricultural business offices and operations and to operate agricultural office equipment, software, and information systems. Includes instruction in basic agricultural business principles, office management, equipment operation, standard software, and database management.						B	Y
01.010601 Agri-Business Office Specialist/Manager	South Central College	5183 North Mankato Campus	ACTIVE	AAS	72	Land	
01.0301 AGRICULTURAL PRODUCTION OPERATIONS, GENERAL. A program that focuses on the general planning, economics, and use of facilities, natural resources, equipment, labor, and capital to produce plant and animal products, and that may prepare individuals for work in farming, ranching, and agribusiness.						F	Y
01.030100 Agriculture Production	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AAS	64	Land	
01.090100 Animal Science			ACTIVE	EMPH	64		
01.110200 Agronomy			ACTIVE	EMPH	64		

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01.030103 Agriculture Production Management	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AS	60	Land		
01.030101 Production Agriculture	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	Diploma	64	Land		
01.030100 Agribusiness Production	South Central College	5183 North Mankato Campus	ACTIVE	AAS	72	Land		
01.010211 Diversified			ACTIVE	EMPH	72			
01.030211 Swine Production			ACTIVE	EMPH	72			
01.030600 Dairy Production			ACTIVE	EMPH	72			
01.110200 Agronomy			ACTIVE	EMPH	72			
01.030100 Agribusiness Production	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	72	Land		
01.010211 Diversified			ACTIVE	EMPH	72			
01.030211 Swine Production			ACTIVE	EMPH	72			
01.030600 Dairy Production			ACTIVE	EMPH	72			
01.110200 Agronomy			ACTIVE	EMPH	72			
Pathway: Animal Systems								
01.0302 ANIMAL/LIVESTOCK HUSBANDRY AND PRODUCTION. A program that prepares individuals to select, breed, care for, process, and market livestock and small farm animals. Includes instruction in basic animal science, animal nutrition, and animal health as applied to various species and breeds; design and operation of housing, feeding, and processing facilities; and related issues of safety, applicable regulations, logistics, and supply.							F	Y
01.030205 Lamb and Wool Management	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	Diploma	30	Land		
01.030201 Animal Production Systems	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AS	64	Land		
01.030201 Poultry Production	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Certificate	15	Land		
01.0306 DAIRY HUSBANDRY AND PRODUCTION. A program that prepares individuals to manage the selection and care of dairy animals and associated dairy farm and processing facilities and operations. Includes instruction in basic animal and dairy science; dairy animal nutrition and health; design and operation of dairy housing, feeding, and processing facilities and equipment; and related issues of safety, sanitation, shipping and handling, and applicable regulations.							F	Y
01.030601 Dairy Management	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	72	Land		
01.030601 Dairy Management	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	72	Land		
01.0307 HORSE HUSBANDRY/EQUINE SCIENCE AND MANAGEMENT. A program that prepares individuals to manage the selection, breeding, care, and maintenance of work, athletic, and show horses; and to manage horse farms, stables, tracks and related equipment and operations. Includes instruction in applicable principles of animal science, care, and health; stable and track management; design and operation of facilities and equipment; and related issues such as regulations, business management; and logistics.							F	Y
01.030701 Equine Business Management	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land		
01.030703 Equine Science Horse Husbandry	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	64	Land		
01.030703 Equine Science Horse Husbandry	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	29	Land		
01.0507 EQUESTRIAN/EQUINE STUDIES. A program that focuses on the horse, horsemanship, and related subjects and prepares individuals to care for horses and horse equipment; ride and drive horses for leisure, sport, show, and professional purposes; and manage the training of horses and riders. Includes instruction in horse breeding, nutrition, health, and safety; history of the horse and horsemanship; horse development and training; riding and equestrian technique; stable, paddock, and track management; and equipment maintenance and repair.							B	Y
01.050701 Equine Science	Minnesota State Community and Technical College	5490 Fergus Falls Campus	NEW	AAS	61	Land		

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
01.050701 Equine Science	Minnesota State Community and Technical College	5490 Fergus Falls Campus	ACTIVE	Diploma	31	Land		
01.050702 Equine Science Riding/Training	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	60	Land		
01.050702 Equine Science Riding/Training	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	30	Land		
01.050702 Equine Science Riding/Training	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	40	Land		
01.0508 TAXIDERMY/TAXIDERMIST. A program that prepares individuals to reproduce life-like three-dimensional representations of living animals for permanent display using elements of the deceased specimen(s) as well as artificial materials, and to manage taxidermy services and businesses. Includes instruction in specimen grading and selection, caping and fleshing, preservation procedures, tanning, drying, measurements, form and armature construction, carpentry and woodworking, molding and casting, drawing, sculptural techniques, painting and finishing techniques, basic business operations, customer communications, and applicable laws and regulations.							B	Y
01.050801 Taxidermy	Vermilion Community College	5053 Ely Campus	ACTIVE	Diploma	32	Land		
01.050804 Taxidermy Skills	Vermilion Community College	5053 Ely Campus	ACTIVE	Certificate	18	Land		
51.0808 VETERINARY/ANIMAL HEALTH TECHNOLOGY/TECHNICIAN AND VETERINARY ASSISTANT. A program that prepares individuals, under the supervision of veterinarians, laboratory animal specialists, and zoological professionals, to provide patient management, care, and clinical procedures assistance as well as owner communication. Includes instruction in animal nursing care, animal health and nutrition, animal handling, clinical pathology, radiology, anesthesiology, dental prophylaxis, surgical assisting, clinical laboratory procedures, office administration skills, patient and owner management, and applicable standards and regulations.							M	Y
51.080801 Veterinary Technology	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	75	Land		
51.080801 Veterinary Technician	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	72	Land		
Pathway: Environmental Service Systems								
01.0308 AGROECOLOGY AND SUSTAINABLE AGRICULTURE. A program that focuses on agricultural principles and practices that, over the long term, enhance environmental quality, make efficient use of nonrenewable resources, integrate natural biological cycles and controls, and are economically viable and socially responsible; and that may prepare individuals to apply this knowledge to the solution of agricultural and environmental problems. Includes instruction in principles of agroecology, crop and soil sciences, entomology, horticulture, animal science, weed science and management, soil fertility and nutrient cycling, applied ecology, agricultural economics, and rangeland ecology and watershed management. Examples: [Agroecology], [Sustainable Agriculture], [Organic Farming]								Y
01.030800 Sustainable Food Production	Minnesota State Community and Technical College	5490 Fergus Falls Campus	NEW	Diploma	31	Land		
15.0506 WATER QUALITY AND WASTEWATER TREATMENT MANAGEMENT AND RECYCLING TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing and using water storage, waterpower, and wastewater treatment systems. Includes instruction in water storage, power and/or treatment systems and equipment; testing and inspection procedures; system maintenance procedures; and report preparation.							F	Y
15.050601 Water Environment Technologies	St. Cloud Technical and Community College	5163 Eden Prairie Water Treatment Plant	ACTIVE	AAS	67	Land		
15.050601 Water Environment Technologies	St. Cloud Technical and Community College	5163 Eden Prairie Water Treatment Plant	ACTIVE	Diploma	44	Land		
15.050601 Water Environment Technology - Small Plant Operator	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Certificate	17	Land		
15.050601 Water Operations	Vermilion Community College	5053 Ely Campus	ACTIVE	Diploma	35	Land		
15.050602 Water Quality Science	Vermilion Community College	5053 Ely Campus	ACTIVE	AAS	62	Land		
15.050602 Water Quality Science	Vermilion Community College	5053 Ely Campus	ACTIVE	AS	64	Land		

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
15.0508 HAZARDOUS MATERIALS MANAGEMENT AND WASTE TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in identifying and disposing of hazardous materials. Includes instruction in environmental safety principles, biohazard identification, testing and sampling procedures, laboratory techniques, instrumentation calibration, hazardous waste disposal procedures and systems, safety and protection procedures, equipment maintenance, and report preparation.						F	Y
15.050814 Hazardous Materials Technology	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	10	Land	
Pathway: Food Products and Processing Systems							
01.0401 AGRICULTURAL AND FOOD PRODUCTS PROCESSING. A program that prepares individuals to receive, inspect, store, process, and package agricultural products in the form of human food consumables, animal or plant food, or other industrial products. Includes instruction in the nutrient and industrial properties of various agricultural products; logistics and storage procedures; chemical and mechanical processing operations; packaging; safety and health requirements; and related technical and business principles.						F	Y
01.040101 Biofuels Technology	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	AAS	60	Land	
01.040103 Biofuels Technology Biodiesel	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Certificate	17	Either	
01.040102 Biofuels Technology Ethanol	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Certificate	17	Either	
01.1001 FOOD SCIENCE. A program that focuses on the application of biological, chemical, and physical principles to the study of converting raw agricultural products into processed forms suitable for direct human consumption, and the storage of such products. Includes instruction in applicable aspects of the agricultural sciences, human physiology and nutrition, food chemistry, agricultural products processing, food additives, food preparation and packaging, food storage and shipment, and related aspects of human health and safety including toxicology and pathology. Examples: [Food Safety]						F	Y
01.100100 Biotechnology Lab Technician	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AAS	64	Land	
01.100101 Food Science	Normandale Community College	5074 Bloomington Campus	NEW	AS	60	Land	
01.1002 FOOD TECHNOLOGY AND PROCESSING. A program that focuses on the application of chemical, physical, and engineering principles to the development and implementation of manufacturing, packaging, storage, and distribution technologies and processes for food products. Includes instruction in food engineering, food preservation and handling, food preparation, food packaging and display, food storage and shipment, and related equipment and facilities design, operation, and maintenance.						F	N
01.100200 Food Science Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
01.100201 Hazard Analysis Critical Control Point	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	15	Land	
Pathway: Natural Resources Systems							
03.0101 NATURAL RESOURCES/CONSERVATION, GENERAL. A general program that focuses on the studies and activities relating to the natural environment and its conservation, use, and improvement. Includes instruction in subjects such as climate, air, soil, water, land, fish and wildlife, and plant resources; in the basic principles of environmental science and natural resources management; and the recreational and economic uses of renewable and nonrenewable natural resources.						F	Y
03.010101 Natural Resources Technology	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	64	Land	
03.010101 Natural Resource Technology - Forestry/Wildlife	Vermilion Community College	5053 Ely Campus	ACTIVE	AAS	67	Land	
03.010101 Wildlife Ecology	Vermilion Community College	5053 Ely Campus	ACTIVE	Certificate	25	Land	
03.0103 ENVIRONMENTAL STUDIES. A program that focuses on environment-related issues using scientific, social scientific, or humanistic approaches or a combination. Includes instruction in the basic principles of ecology and environmental science and related subjects such as policy, politics, law, economics, social aspects, planning, pollution control, natural resources, and the interactions of human beings and nature. Examples: [Ecosystem Studies]						F	N
03.010300 Environmental Studies	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land	
03.010316 Environmental Management			ACTIVE	EMPH	30		
03.010319 Ecosystem Studies			ACTIVE	EMPH	36		

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03.010321 Environmental Policy and Planning			ACTIVE	EMPH	27		
03.010417 Environmental Engineering Science			ACTIVE	EMPH	40		
26.100623 Environmental Toxicology			ACTIVE	EMPH	38		
31.060118 Outdoor Education			ACTIVE	EMPH	25		
40.050920 Environmental Chemistry			ACTIVE	EMPH	36		
40.060523 Geohydrology			ACTIVE	EMPH	36		
03.010301 Environmental Studies	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	MS	33	Land	
03.010302 Environmental Studies	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	15	Land	
03.010303 Sustainability	Central Lakes College	5007 Brainerd Campus	NEW	Certificate	20	Either	
03.010301 Environmental Science	Minnesota State Community and Technical College	5490 Fergus Falls Campus	ACTIVE	AS	60	Land	
03.010300 Sustainability	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	NEW	BS	120	Land	
03.010300 Environmental Science			ACTIVE	EMPH	35		
03.010301 Environmental Policy			ACTIVE	EMPH	35		
15.050300 Energy			ACTIVE	EMPH	29		
52.010100 Business			ACTIVE	EMPH	33		
52.020500 Operations Management			ACTIVE	EMPH	33		
52.200100 Construction Management			ACTIVE	EMPH	31		
03.010301 Environmental Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land	
03.010301 Environmental Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
03.0104 ENVIRONMENTAL SCIENCE. A program that focuses on the application of biological, chemical, and physical principles to the study of the physical environment and the solution of environmental problems, including subjects such as abating or controlling environmental pollution and degradation; the interaction between human society and the natural environment; and natural resources management. Includes instruction in biology, chemistry, physics, geosciences, climatology, statistics, and mathematical modeling. Examples: [Bioenvironmental Sciences]						F	N
03.010401 Environmental Science	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Land	
03.010401 Environmental Science	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AS	60	Land	
03.010401 Environmental Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
03.010401 Environmental Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
03.010401 Environmental Science	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land	
03.010400 Environmental Science	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
01.030814 Agroecosystems			ACTIVE	EMPH	39		
03.010314 Humanity and the Environment			ACTIVE	EMPH	25		
03.010414 Natural Science			ACTIVE	EMPH	37		
40.060114 Geology			ACTIVE	EMPH	21		
03.010401 Environmental Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	

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03.0506 FOREST MANAGEMENT/FOREST RESOURCES MANAGEMENT. A program that prepares individuals to apply principles of forestry and natural resources management to the administration of forest lands and related resources. Includes instruction in silviculture, forest mensuration, forest protection, inventorying, biometrics, geographic information systems, remote sensing, photogrammetry, forest policy and economics, forest land use planning, fire protection and management, and related administrative skills. Examples: [Silviculture], [Sylviculture]						F	Y
03.050600 Natural Resources-Forestry	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	AAS	64	Land	
03.051100 Wildland Firefighting			ACTIVE	EMPH	64		
45.070211 Geographic Information Systems			ACTIVE	EMPH	64		
03.0508 URBAN FORESTRY. A program that prepares individuals to apply the principles of forestry and related sciences to the development, care, and maintenance of individual trees and forested areas within or close to areas of dense human habitation. Includes instruction in urban environments; effects of pollution on tree species; environmental design and landscaping; urban pest infestation; urban forest management; and applicable policies and regulations.						F	Y
03.050812 Urban Forestry Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	60	Land	
03.0509 WOOD SCIENCE AND WOOD PRODUCTS/PULP AND PAPER TECHNOLOGY. A program that focuses on the application of chemical, physical, and engineering principles to the analysis of the properties and behavior of wood and wood products and the development of processes for converting wood into paper and other products. Includes instruction in wood classification and testing, product development, manufacturing and processing technologies, and the design and development of related equipment and systems.						F	Y
03.050902 Industrial Technology: Pulp and Paper	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	AAS	60	Land	
03.050902 Industrial Technology: Pulp and Paper	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	Diploma	36	Land	
03.0511 FOREST TECHNOLOGY/TECHNICIAN. A program that prepares individuals to assist foresters in the management and production of forest resources. Includes instruction in woods and field skills, tree identification, timber measurement, logging and timber harvesting, forest propagation and regeneration, forest fire-fighting, resource management, equipment operation and maintenance, record-keeping, sales and purchasing operations, and personnel supervision.						B	Y
03.051101 Forest Technology	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	35	Land	
03.0601 WILDLIFE, FISH AND WILDLANDS SCIENCE AND MANAGEMENT. A program that prepares individuals to conserve and manage wilderness areas and the flora, marine and aquatic life therein, and manage wildlife reservations and zoological/aquarium facilities for recreational, commercial, and ecological purposes. Includes instruction in wildlife biology, marine/aquatic biology, environmental science, freshwater and saltwater ecosystems, natural resources management and policy, outdoor recreation and parks management, the design and operation of natural and artificial wildlife habitats, applicable law and regulations, and related administrative and communications skills.						F	N
03.060101 Wilderness Management and Outdoor Recreation Planning	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BAS	120	Land	
03.060104 Fisheries and Wildlife Management	Vermilion Community College	5053 Ely Campus	ACTIVE	AS	60	Land	
03.060105 Wilderness and Park Management	Vermilion Community College	5053 Ely Campus	ACTIVE	AAS	68	Land	
03.060103 Wilderness Management	Vermilion Community College	5053 Ely Campus	ACTIVE	AS	60	Land	
31.0301 PARKS, RECREATION AND LEISURE FACILITIES MANAGEMENT. A program that prepares individuals to develop and manage park facilities and other indoor and outdoor recreation and leisure facilities. Includes instruction in supervising support personnel, health and safety standards, public relations, and basic business and marketing principles.						B	N
31.030100 Recreation, Parks and Leisure Services	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
31.010113 Therapeutic Recreation			ACTIVE	EMPH	53		
31.030113 Resource Management			ACTIVE	EMPH	53		
31.030114 Leisure Planning & Management			ACTIVE	EMPH	53		
31.030100 Recreation and Sports Management	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
31.030101 Recreation, Tourism and Therapeutic Recreation	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land	
31.010112 Recreation and Tourism			ACTIVE	EMPH	64		
31.010113 Therapeutic Recreation			ACTIVE	EMPH	64		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
31.0601 OUTDOOR EDUCATION. A program that prepares individuals to work as an educator, instructor or facilitator in parks, recreational facilities, camps and other outdoor settings. Includes instruction in leadership skills, wilderness survival skills, first aid, group processes, counseling techniques, environmental studies and instruction in recreational activities such as rock climbing, ropes courses, backpacking, kayaking and canoeing.								N
31.060100 Experiential Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land		
31.060101 Backcountry Guide	Vermilion Community College	5053 Ely Campus	ACTIVE	Certificate	16	Land		
31.060112 Outdoor Leadership	Vermilion Community College	5053 Ely Campus	ACTIVE	AS	60	Land		
31.060102 Outdoor Leadership	Vermilion Community College	5053 Ely Campus	ACTIVE	Certificate	30	Land		
31.060101 Outdoor Education/Adventure-Based Leadership	Winona State University	5169 Winona-WSU Campus	ACTIVE	GC	18	Land		
Pathway: Plant Systems								
01.0000 AGRICULTURE, GENERAL. A program that focuses on the general principles and practice of agricultural research and production and that may prepare individuals to apply this knowledge to the solution of practical agricultural problems. Includes instruction in basic animal, plant, and soil science; animal husbandry and plant cultivation; soil conservation; and agricultural operations such as farming, ranching, and agricultural business.							F	Y
01.000001 Agriculture	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AS	60	Land		
01.000001 Agricultural Science and Technology	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AS	60	Land		
01.000001 Agriculture Education Technology Partnership	South Central College	5183 North Mankato Campus	ACTIVE	AS	60	Land		
01.0304 CROP PRODUCTION. A program that prepares individuals to cultivate grain, fiber, forage, oilseed, fruits and nuts, vegetables, and other domesticated plant products. Includes instruction in basic principles of plant science, health, and nutrition as applied to particular species and breeds; soil preparation and irrigation; pest management; planting and harvesting operations; product marketing; and applicable issues of safety, regulation, logistics, and supply.							F	Y
01.030406 Specialty Crops Management	Northland Community and Technical College	5508 Detroit Lakes Roosevelt Building	ACTIVE	Diploma	46	Land		
01.0309 VITICULTURE AND ENOLOGY. A program that focuses on the application of scientific and agribusiness principles to the production of grapes, the making of wine, and the wine business. Includes instruction in grapes and wines of the world; grape production; winemaking technology; plant biology; chemistry; food science, safety, and packaging; soil science; pest management; and marketing and business management. Examples: [Viticulture], [Enology]								Y
01.030902 Enology	Central Lakes College	1005 Virtual - Central Lakes College	NEW	AAS	60	Online		
01.030903 Enology	Central Lakes College	1005 Virtual - Central Lakes College	ACTIVE	Diploma	31	Online		
01.030903 Viticulture	Central Lakes College	1005 Virtual - Central Lakes College	NEW	AAS	60	Online		
01.030904 Viticulture	Central Lakes College	1005 Virtual - Central Lakes College	ACTIVE	Diploma	31	Online		
01.0601 APPLIED HORTICULTURE/HORTICULTURE OPERATIONS, GENERAL. A program that focuses on the general production and processing of domesticated plants, shrubs, flowers, foliage, trees, groundcovers, and related plant materials; the management of technical and business operations connected with horticultural services; and the basic scientific principles needed to understand plants and their management and care.							F	Y
01.060101 Horticulture	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	64	Land		
01.060102 Horticulture Assistant	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land		
01.060100 Horticulture Technology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	60	Land		
01.0604 GREENHOUSE OPERATIONS AND MANAGEMENT. A program that prepares individuals to produce, store, and deliver plant species in controlled indoor environments for wholesale, commercial, research, or other purposes. Includes instruction in applicable principles of plant science; climate, irrigation, and nutrition control equipment operation and maintenance; facilities management; inventory control; safety procedures; and personnel supervision.							F	Y

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
01.060401 Sustainable Greenhouse Production	Central Lakes College	5007	Brainerd Campus	ACTIVE	Diploma	32	Land	
01.060401 Horticulture - Greenhouse	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	30	Land	
01.060401 Horticulture Technician - Greenhouse	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Diploma	48	Land	
01.060401 Horticulture Technology - Greenhouse	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	AAS	64	Land	
01.060401 Greenhouse Management Technician	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	60	Land	
01.060402 Greenhouse Production and Professional Floral Design	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	70	Land	
01.060401 Greenhouse Technician	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	38	Land	
01.060401 Horticulture - Floriculture/Garden Center Technology	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Diploma	54	Land	
01.0605 LANDSCAPING AND GROUNDSKEEPING. A program that prepares individuals to manage and maintain indoor and/or outdoor ornamental and recreational plants and groundcovers and related conceptual designs established by landscape architects, interior designers, enterprise owners or managers, and individual clients. Includes instruction in applicable principles of horticulture, gardening, plant and soil irrigation and nutrition, turf maintenance, plant maintenance, equipment operation and maintenance, personnel supervision, and purchasing. Examples: [Greenspace]							F	Y
01.060503 Landscape Technician	Anoka Technical College	5003	Anoka Campus	ACTIVE	Certificate	29	Land	
01.060501 Landscape Technology	Anoka Technical College	5003	Anoka Campus	ACTIVE	AAS	72	Land	
01.060501 Landscape Technology	Anoka Technical College	5003	Anoka Campus	ACTIVE	Diploma	67	Land	
01.060513 Landscape Technology	Central Lakes College	5007	Brainerd Campus	ACTIVE	Diploma	62	Land	
01.060501 Horticulture - Landscape	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	30	Land	
01.060501 Horticulture Technician - Landscape	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Diploma	48	Land	
01.060501 Horticulture Technology - Landscape	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	AAS	64	Land	
01.060501 Landscape Horticulture	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	72	Land	
01.060501 Landscape Horticulture	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	65	Land	
01.060501 Professional Gardener	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	20	Land	
01.060515 Landscape Construction	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Certificate	18	Land	
01.060514 Landscape Design and Construction	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
01.060514 Landscape Design and Construction	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
01.060513 Landscape/Horticulture	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
01.060513 Landscape/Horticulture	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
01.060501 Landscape and Garden Center Technician	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	Diploma	34	Land	
01.060501 Environmental Design, Technology and Production	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	AAS	60	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
01.060501 Environmental Production	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	16	Land		
01.060501 Environmental Technology and Production	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Diploma	31	Land		
01.0606 PLANT NURSERY OPERATIONS AND MANAGEMENT. A program that prepares individuals to operate and manage outdoor plant farms, tree and shrub nurseries, and related facilities that develop domesticated plant products for propagation, harvesting, and transplantation. Includes instruction in applicable principles of plant science, farm and business management, nursery operations, equipment operation and maintenance, safety procedures, and personnel supervision.								F	Y
01.060601 Arboriculture	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Certificate	21	Land		
01.0608 FLORICULTURE/FLORISTRY OPERATIONS AND MANAGEMENT. A program that prepares individuals to operate and manage commercial and contract florist enterprises, supply and delivery services, and flower catering services. Includes instruction in the applicable principles of plant science; purchasing, storage, and delivery systems; floral design and arranging; and principles of business management.								B	Y
01.060801 Floral Design	Central Lakes College	5007	Brainerd Campus	ACTIVE	Diploma	32	Land		
01.060801 Professional Floral Designer	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	33	Land		
01.1102 AGRONOMY AND CROP SCIENCE. A program that focuses on the chemical, physical, and biological relationships of crops and the soils nurturing them. Includes instruction in the growth and behavior of agricultural crops, the development of new plant varieties, and the scientific management of soils and nutrients for maximum plant nutrition, health, and productivity.								F	N
01.110201 Plant Science, GIS/GPS	Minnesota West Community and Technical College	5072	Worthington Campus	ACTIVE	AS	60	Land		
01.110200 Precision Agriculture Application Technician	Minnesota West Community and Technical College	5072	Worthington Campus	ACTIVE	Certificate	26	Land		
01.110209 Precision Agriculture	Northland Community and Technical College	5524	Thief River Falls Campus	ACTIVE	Certificate	15	Land		
01.110202 Agronomy Technology	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Diploma	72	Land		
01.110201 GPS/GIS Technology for Agriculture	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	AAS	72	Land		
01.110203 GPS/GIS Technology for Agriculture	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Diploma	72	Land		
01.110201 Precision Farming	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Certificate	19	Land		
01.110200 Agronomy	Southwest Minnesota State University	5161	Marshall Campus	NEW	BS	120	Land		
01.1103 HORTICULTURAL SCIENCE. A program that focuses on the scientific principles related to the cultivation of garden and ornamental plants, including fruits, vegetables, flowers, and landscape and nursery crops. Includes instruction in specific types of plants, such as citrus; breeding horticultural varieties; physiology of horticultural species; and the scientific management of horticultural plant development and production through the life cycle.								F	Y
01.110301 Horticulture Science	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	AS	60	Land		
01.110301 Horticulture Science	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	AS	60	Land		
31.0302 GOLF COURSE OPERATION AND GROUNDS MANAGEMENT. A program that prepares individuals to manage the operation of golf courses. Includes instruction in turf grass science and management, golf course design and construction, grounds equipment and operation, pest control, and grounds management.									Y
31.030213 Golf Course Grounds Management	Anoka Technical College	5003	Anoka Campus	ACTIVE	AAS	72	Land		
31.030213 Golf Course Grounds Management	Anoka Technical College	5003	Anoka Campus	ACTIVE	Diploma	67	Land		
31.030212 Grounds Maintenance Technician	Anoka Technical College	5003	Anoka Campus	ACTIVE	Certificate	29	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
31.030204 Golf Course Management/Maintenance	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	21	Land		
31.030200 Golf Management	Minnesota State Community and Technical College	5490 Fergus Falls Campus	NEW	Diploma	60	Land		
31.030200 Horticulture - Landscape, Golf Course and Grounds Maintenance	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	54	Land		
Pathway: Power, Structural, and Technical Systems								
01.0204 AGRICULTURAL POWER MACHINERY OPERATION. A program that prepares individuals to operate specialized farm, ranch, and agribusiness power equipment of a stationary, mobile, and/or hand-operated nature. Includes instruction in operating specialized equipment such as terrestrial and airborne crop-spraying equipment; tractors and hauling equipment; planting and harvesting equipment; cutting equipment; power sources and systems for silos, irrigation, pumping, and applications such as dairy, feeding and shearing operations; processing equipment; and applicable electrical, mechanical, and safety principles.						F		Y
01.020401 Ag Chemical Applicator Technician	South Central College	5183 North Mankato Campus	ACTIVE	Certificate	30	Land		
01.0205 AGRICULTURAL MECHANICS AND EQUIPMENT/MACHINE TECHNOLOGY. A program that prepares individuals to maintain and repair specialized farm, ranch, and agribusiness power equipment and vehicles. Includes instruction in the principles of diesel, combustion, electrical, steam, hydraulic, and mechanical systems and their application to the maintenance of terrestrial and airborne crop-spraying equipment; tractors and hauling equipment; planting and harvesting equipment; cutting equipment; power sources and systems for silos; irrigation and pumping equipment; dairy, feeding, and shearing operations; and processing systems. Examples: [Agricultural Equipment Mechanic], [Agricultural Equipment Technician], [Agricultural Machinery Technician], [Farm Equipment Service Technician]						F		Y
01.020500 Agribusiness Service Technician	South Central College	5183 North Mankato Campus	ACTIVE	AAS	72	Land		
01.010201 Diversified			ACTIVE	EMPH	72			
01.020504 Agribusiness Service Technician	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	72	Land		
01.010201 Diversified			ACTIVE	EMPH	72			
01.020505 Agribusiness Technician	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	37	Land		
01.020506 Agribusiness Technician's Aide	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	35	Land		

FIELD: ARTS, COMMUNICATION & INFORMATION SYSTEMS

Cluster: Arts, Audio/Video Technology and Communications

Pathway: Audio/Video Technology and Film

11.0803 COMPUTER GRAPHICS. A program that focuses on the software, hardware, and mathematical tools used to represent, display, and manipulate topological, two-, and three-dimensional objects on a computer screen and that prepares individuals to function as computer graphics specialists. Includes instruction in graphics software and systems; digital multimedia; graphic design; graphics devices, processors, and standards; attributes and transformations; projections; surface identification and rendering; color theory and application; and applicable geometry and algorithms.						B		Y
11.080305 Computer Graphic Imaging	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	37	Land		
11.080301 Computer Graphics and Visualization	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AS	60	Land		
50.0401 DESIGN AND VISUAL COMMUNICATIONS, GENERAL. A program in the applied visual arts that focuses on the general principles and techniques for effectively communicating ideas and information, and packaging products, in digital and other formats to business and consumer audiences, and that may prepare individuals in any of the applied art media.						B		Y
50.040101 Graphic Design: Print Media	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	66	Land		
50.040102 Graphic Design: Print Media	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	18	Land		

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
50.0504 PLAYWRITING AND SCREENWRITING. A program that focuses on the principles and techniques for communicating dramatic information, ideas, moods, and feelings through the composition of creative written works for the theatre, film, and/or television. Includes instruction in creative writing craft, scene writing, script development, stage and/or camera instructions, line and moment analysis, script reading, script editing, and the creation of full productions. Examples: [Dramatic Writing], [Writing for Screen and Television]						B	N
50.050401 Screenwriting	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land	
50.050401 Screenwriting	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Land	
50.0602 CINEMATOGRAPHY AND FILM/VIDEO PRODUCTION. A program that prepares individuals to communicate dramatic information, ideas, moods, and feelings through the making and producing of films and videos. Includes instruction in theory of film, film technology and equipment operation, film production, film directing, film editing, cinematographic art, film audio, techniques for making specific types of films and/or videos, media technologies, computer image making, multi-media production, and the planning and management of film/video operations. Examples: [Cinema Production]						F	N
50.060201 Videography Production	Central Lakes College	5008 Staples Campus	NEW	AAS	60	Land	
50.060201 Videography Production	Central Lakes College	5008 Staples Campus	NEW	Diploma	54	Land	
50.060214 Cinema Production	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	30	Land	
50.060218 Cinematography	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Land	
50.060219 Directing	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Land	
50.060217 Editing and Post-Production	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Land	
50.060216 Producing	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Land	
50.060203 Film Production	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	NEW	Minor	21	Land	
50.0701 ART/ART STUDIES, GENERAL. A general program that focuses on the introductory study and appreciation of the visual arts. Includes instruction in art, photography, and other visual communications media.						B	N
50.070100 Art	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land	
50.040617 Photography			ACTIVE	EMPH	63		
50.040917 Graphic Design			ACTIVE	EMPH	63		
50.070317 Art History			ACTIVE	EMPH	55		
50.070517 Drawing			ACTIVE	EMPH	63		
50.070817 Painting			ACTIVE	EMPH	63		
50.070918 Sculpture			ACTIVE	EMPH	63		
50.071017 Printmaking			ACTIVE	EMPH	63		
50.071117 Ceramics			ACTIVE	EMPH	63		
50.070102 Art	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
50.070101 Art	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MA	34	Land	
50.070100 Art	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land	
50.040902 Graphic Design			ACTIVE	EMPH	15		
50.070202 Studio Art			ACTIVE	EMPH	31		
50.070101 Art	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
50.070100 Art	Winona State University	5169 Winona-WSU Campus	ACTIVE	BA	120	Land	
50.040902 Graphic Design			ACTIVE	EMPH	66		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
50.070201 Studio Art			ACTIVE	EMPH	48	
50.0702 FINE/STUDIO ARTS, GENERAL. A program that prepares individuals to generally function as creative artists in the visual and plastic media. Includes instruction in the traditional fine arts media (drawing, painting, sculpture, printmaking, CAD/CAM) and/or modern media (ceramics, textiles, intermedia, photography, digital images), theory of art, color theory, composition and perspective, anatomy, the techniques and procedures for maintaining equipment and managing a studio, and art portfolio marketing.						
50.070201 Art	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AFA	60	Land
50.070201 Art	Century College, A Community and Technical College	5024 White Bear Lake Campus	NEW	AFA	60	Land
50.070201 Art	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AFA	60	Land
50.070201 Art	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	NEW	AFA	60	Land
50.070201 Art	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AFA	60	Land
50.070201 Art	Lake Superior College	5047 Duluth Campus	ACTIVE	AFA	60	Land
50.070201 Visual Arts	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AFA	60	Land
50.070201 Art	Minnesota State Community and Technical College	5490 Fergus Falls Campus	ACTIVE	AFA	60	Land
50.070200 Art	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BFA	132	Land
50.040619 Photography			ACTIVE	EMPH	91	
50.040919 Graphic Design			ACTIVE	EMPH	91	
50.041016 Pictorial Illustration			ACTIVE	EMPH	91	
50.070519 Drawing			ACTIVE	EMPH	91	
50.070819 Painting			ACTIVE	EMPH	91	
50.070919 Sculpture			ACTIVE	EMPH	91	
50.071019 Printmaking			ACTIVE	EMPH	91	
50.071112 Ceramics			ACTIVE	EMPH	91	
50.070200 Art	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BFA	120	Land
50.040619 Photography			ACTIVE	EMPH	76	
50.040919 Graphic Design			ACTIVE	EMPH	76	
50.070519 Drawing			ACTIVE	EMPH	76	
50.070819 Painting			ACTIVE	EMPH	76	
50.070919 Sculpture			ACTIVE	EMPH	76	
50.071018 Printmaking			ACTIVE	EMPH	76	
50.071119 Ceramics			ACTIVE	EMPH	76	
50.070201 Art	Normandale Community College	5074 Bloomington Campus	ACTIVE	AFA	60	Land
50.070201 Studio Arts	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AFA	60	Land
50.070200 Art	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	AFA	60	Land
50.070201 Art	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	AFA	60	Land
50.070200 Studio Art	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BFA	120	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
50.040901 Graphic Design			ACTIVE	EMPH	30			
50.070213 Integrated Media			ACTIVE	EMPH	30			
50.070214 2-D Media			ACTIVE	EMPH	30			
50.070612 3-D Media			ACTIVE	EMPH	30			
50.0703 ART HISTORY, CRITICISM AND CONSERVATION. A program that focuses on the study of the historical development of art as social and intellectual phenomenon, the analysis of works of art, and art conservation. Includes instruction in the theory of art, art history research methods, connoisseurship, the preservation and conservation of works of art, and the study of specific periods, cultures, styles, and themes.							B	N
50.070301 Art History	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
50.070301 Art History	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
Pathway: Journalism and Broadcasting								
09.0100 COMMUNICATION, GENERAL. A program that focuses on the comprehensive study of communication, and that spans the study of mass communication/media studies, old and new media technologies, social and political applications, and speech communication and rhetoric. Includes instruction in interpersonal, group, organizational, and intercultural communication; theories of communication; critical thinking, argumentation, and persuasion; written communication; printed, electronic, and digital media; rhetorical tradition and criticism; media, society, and culture; consequences and effects of mass media; media social science and criticism; and quantitative and qualitative methods of inquiry. Examples: [Communication]							N	
09.010000 Professional Communications	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land		
09.010001 Communication Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
09.010000 Relational Communication			ACTIVE	EMPH	18			
09.010004 Leadership and Organizational Communication			ACTIVE	EMPH	18			
09.010104 Rhetorical and Performance Studies			ACTIVE	EMPH	18			
09.090104 Communication Studies Comprehensive			ACTIVE	EMPH	18			
09.090704 Intercultural Communication			ACTIVE	EMPH	18			
09.010000 Communication Studies Interdepartmental	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
09.010002 Communication Studies Supplementary	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
09.0101 SPEECH COMMUNICATION AND RHETORIC. A program that focuses on the scientific, humanistic, and critical study of human communication in a variety of formats, media, and contexts. Includes instruction in the theory and practice of interpersonal, group, organizational, professional, and intercultural communication; speaking and listening; verbal and nonverbal interaction; rhetorical theory and criticism; performance studies; argumentation and persuasion; technologically mediated communication; popular culture; and various contextual applications.							F	N
09.010101 Communication Studies	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land		
09.010100 Communication Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land		
09.010115 Communication Arts and Literature	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	22	Land		
09.010100 Communication Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
09.010100 Communication Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
09.010100 Communication Studies	Minnesota State University, Mankato	1020 Virtual - Minnesota State University, Mankato	ACTIVE	GC	12	Online		
09.010100 Communication Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MA	33	Land		
09.010100 Communication Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	36	Land		
09.010100 Forensics	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MFA	48	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
09.010101 Speech Communication	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BA	120	Land		
09.010100 Speech Communication/Theatre Arts	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BA	120	Land		
09.010101 Communication Studies	Winona State University	5169	Winona-WSU Campus	ACTIVE	BA	120	Land		
09.010100 Organizational Communication				ACTIVE	EMPH	15			
09.010101 Leadership and Advocacy				ACTIVE	EMPH	15			
09.010112 General Communication				ACTIVE	EMPH	21			
09.0102 MASS COMMUNICATION/MEDIA STUDIES. A program that focuses on the analysis and criticism of media institutions and media texts, how people experience and understand media content, and the roles of media in producing and transforming culture. Includes instruction in communications regulation, law, and policy; media history; media aesthetics, interpretation, and criticism; the social and cultural effects of mass media; cultural studies; the economics of media industries; visual and media literacy; and the psychology and behavioral aspects of media messages, interpretation, and utilization. Examples: [Media Studies]								B	N
09.010201 Mass Communications	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Land		
09.010200 Mass Communications	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BS	120	Land		
09.040217 Broadcast Journalism				ACTIVE	EMPH	24			
09.040417 Photojournalism				ACTIVE	EMPH	24			
09.070219 Multimedia Journalism				ACTIVE	EMPH	36			
09.090018 Public Relations				ACTIVE	EMPH	39			
09.090217 Integrated Advertising and Public Relations				ACTIVE	EMPH	48			
09.090317 Advertising				ACTIVE	EMPH	45			
09/040118 Documentary Journalism				ACTIVE	EMPH	27			
09.010201 Mass Media	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BA	120	Land		
09.010201 Mass Media	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land		
09.010201 Mass Communication	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	AS	60	Land		
09.010200 Mass Communications	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
09.010216 Broadcasting				ACTIVE	EMPH	19			
09.040115 News Editorial				ACTIVE	EMPH	19			
09.090015 Public Relations				ACTIVE	EMPH	20			
09.090315 Advertising				ACTIVE	EMPH	19			
09.010201 Mass Communications	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	36	Land		
09.010200 Mass Communication	Winona State University	5169	Winona-WSU Campus	ACTIVE	BA	120	Land		
09.010215 Broadcasting				ACTIVE	EMPH	42			
09.040115 Journalism				ACTIVE	EMPH	42			
09.040415 Photojournalism				ACTIVE	EMPH	42			
09.090015 Public Relations				ACTIVE	EMPH	43			
09.090311 Advertising				ACTIVE	EMPH	42			
09.0401 JOURNALISM. A program that focuses on the theory and practice of gathering, processing, and delivering news and that prepares individuals to be professional print journalists, news editors, and news managers. Includes instruction in news writing and editing; reporting; photojournalism; layout and graphic design; journalism law and policy; professional standards and ethics; research methods; and journalism history and criticism.								B	Y
09.040101 Mass Communications: Journalism	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	25	Land		

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
09.0402 BROADCAST JOURNALISM. A program that focuses on the methods and techniques for reporting, producing, and delivering news and news programs via radio, television, and video/film media; and that prepares individuals to be professional broadcast journalists, editors, producers, directors, and managers. Includes instruction in the principles of broadcast technology; broadcast reporting; on- and off-camera and microphone procedures and techniques; program, sound, and video/film editing; program design and production; media law and policy; and professional standards and ethics.						F	Y
09.040201 Mass Communication: Broadcasting	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	28	Land	
09.0701 RADIO AND TELEVISION. A program that focuses on the theories, methods, and techniques used to plan, produce, and distribute audio and video programs and messages, and that prepares individuals to function as staff, producers, directors, and managers of radio and television shows and media organizations. Includes instruction in media aesthetics; planning, scheduling, and production; writing and editing; performing and directing; personnel and facilities management; marketing and distribution; media regulations, law, and policy; and principles of broadcast technology. Examples: [Radio, Television, and Film]						F	N
09.070102 Radio Business	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Diploma	33	Land	
09.070101 Speech Communication: Radio & Television	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
09.0702 DIGITAL COMMUNICATION AND MEDIA/MULTIMEDIA. A program that focuses on the development, use, critical evaluation, and regulation of new electronic communication technologies using computer applications; and that prepares individuals to function as developers and managers of digital communications media. Includes instruction in computer and telecommunications technologies and processes; design and development of digital communications; marketing and distribution; digital communications regulation, law, and policy; the study of human interaction with, and use of, digital media; and emerging trends and issues. Examples: [Digital Media]						B	Y
09.070201 Emerging Digital Technology	Central Lakes College	1005 Virtual - Central Lakes College	ACTIVE	Certificate	16	Online	
09.070202 Visual Communications Assistant	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
09.070201 Visual Communications Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	48	Land	
09.070201 Visual Communications Technologies	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
09.070201 Interactive Designer	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
09.070201 Interactive Designer	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
09.070202 Media Producer	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	25	Land	
09.070201 Multimedia Specialist	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	60	Land	
09.070202 Audio-Video Digital Media	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	72	Land	
09.070205 Audio-Video Digital Media	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	65	Land	
09.070202 Digital Video	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	30	Land	
09.070201 New Media Production	Northland Community and Technical College	5524 Thief River Falls Campus	NEW	AAS	60	Land	
09.070201 New Media Production	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	19	Land	
09.070201 New Media Production	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Diploma	35	Land	
09.070201 Multimedia Design Technology	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	63	Land	
09.070201 Multimedia Design Technology	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	50	Land	
09.070201 Interaction Design	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Either	
09.070201 Mobile Application Development	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	24	Either	

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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
09.070205 Advertising Web Design	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	69	Land		
09.070205 Advertising Web Design	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	59	Land		
09.1001 PUBLISHING. A program that focuses on the process of managing the creation, publication, and distribution of print and electronic books and other text products and prepares individuals to manage the editorial, technical, and business aspects of publishing operations. Includes instruction in product planning and design, editing, author relations, business and copyright law, publishing industry operations, contracting and purchasing, product marketing, electronic publishing and commerce, history of publishing, and professional standards and ethics.								B	N
09.100101 Publishing	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	Certificate	12	Land		
09.100101 Publishing	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	GC	12	Land		
10.0202 RADIO AND TELEVISION BROADCASTING TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to the production of radio and television programs, and related operations, under the supervision of broadcast and studio managers, directors, editors, and producers. Includes instruction in sound, lighting, and camera operation and maintenance; power and feed control; studio operations; production preparation; broadcast engineering; related computer applications; and specialized applications such as news, entertainment, live talk, sports, commercials, and taping.								F	Y
10.020202 Media Studies and Production	Lake Superior College	5047	Duluth Campus	ACTIVE	Diploma	30	Land		
10.0203 RECORDING ARTS TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to the production of sound recordings as finished products or as components of film/video, broadcast, live, or mixed media productions. Includes instruction in sound equipment operation and maintenance; music, dialogue, and sound effects recording; sound track editing; dubbing and mixing; sound engineering; tape, disk, and CD production; digital recording and transmission; amplification and modulation; and working with producers, editors, directors, artists, and production managers.								F	N
10.020301 Audio Production Specialist	Hennepin Technical College	5036	Eden Prairie Campus	ACTIVE	AAS	65	Land		
10.020301 Audio Production Specialist	Hennepin Technical College	5036	Eden Prairie Campus	ACTIVE	Diploma	60	Land		
10.020301 Sound Arts	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AS	60	Land		
10.020304 Sound for Cinema	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Diploma	48	Land		
10.020301 Sound for Media	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Certificate	21	Land		
10.020301 Music Industry, Audio Production	Minnesota State University, Mankato	5050	Mankato Campus	NEW	BS	120	Land		
10.020301 Audio Technology	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	AAS	71	Land		
10.020301 Audio Technology	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	64	Land		
23.1303 PROFESSIONAL, TECHNICAL, BUSINESS, AND SCIENTIFIC WRITING. A program that focuses on professional, technical, business, and scientific writing; and that prepares individuals for academic positions or for professional careers as writers, editors, researchers, and related careers in business, government, non-profits, and the professions. Includes instruction in theories of rhetoric, writing, and digital literacy; document design, production, and management; visual rhetoric and multimedia composition; documentation development; usability testing; web writing; and publishing in print and electronic media. Examples: [Biomedical Writing], [Medical Writing], [Professional, Technical, and Scientific Writing/Communication]									N
23.130300 Electronic Writing	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	Certificate	12	Land		
23.130300 Electronic Writing	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	GC	12	Land		
23.130300 Electronic Writing	Bemidji State University	5006	Bemidji-BSU Campus	NEW	Minor	15	Land		
23.130300 Professional Writing	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	9	Either		
23.130300 Technical Communication	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	MS	32	Land		
23.130300 Technical Communication and Professional Writing	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land		

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
23.130300 Technical Communication	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
23.130307 Technical Communication	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Certificate	24	Either
23.130300 Technical Communications	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	23	Either
23.130301 Professional Writing and Communication	Southwest Minnesota State University	5161 Marshall Campus	NEW	BA	120	Land

Pathway: Performing Arts

50.0301 DANCE, GENERAL. A general program that prepares individuals to express ideas, feelings, and/or inner visions through the performance of one or more of the dance disciplines, including but not limited to ballet, modern, jazz, ethnic, and folk dance, and that focuses on the study and analysis of dance as a cultural phenomenon. Includes instruction in technique, choreography, Laban notation, dance history and criticism, and dance production. Examples: [Dance Movement Studies] B N

50.030100 Theatre Dance	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	24	Land
50.030101 Dance	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land
50.030101 Dance	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BFA	120	Land
50.030101 Dance	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
50.030101 Dance	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	21	Land
50.030101 Dance	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	23	Land

50.0501 DRAMA AND DRAMATICS/THEATRE ARTS, GENERAL. A program that focuses on the general study of dramatic works and their performance. Includes instruction in major works of dramatic literature, dramatic styles and types, and the principles of organizing and producing full live or filmed productions. B N

50.050101 Theatre	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AFA	60	Land
50.050101 Theatre Performance	Central Lakes College	5007 Brainerd Campus	NEW	AFA	60	Land
50.050101 Theatre	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	NEW	AFA	60	Land
50.050101 Theater	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land
50.050101 Theatre Arts	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AFA	60	Land
50.050100 Theater Arts	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land
50.050213 Technical Theatre			ACTIVE	EMPH	17	
50.050611 Acting			ACTIVE	EMPH	17	
50.050713 Directing			ACTIVE	EMPH	17	
50.050900 Musical Theatre			ACTIVE	EMPH	17	
50.050100 Theatre Arts	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land
50.050124 Theatre Generalist			ACTIVE	EMPH	37	
50.050101 Theatre Arts	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BFA	120	Land
50.050100 Theatre Arts	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
50.050125 Theatre Generalist			ACTIVE	EMPH	37	
50.050101 Theatre Arts	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MA	34	Land
50.050101 Theatre Arts	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MFA	60	Land

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
50.050101 Theatre Performance	Normandale Community College	5074 Bloomington Campus	ACTIVE	AFA	60	Land	
50.050101 Theatre	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	NEW	AFA	60	Land	
50.050101 Theatre Arts	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land	
50.050100 Theatre	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
50.050101 Generalist			ACTIVE	EMPH	31		
50.050201 Design/Technology			ACTIVE	EMPH	31		
50.050501 History/Criticism			ACTIVE	EMPH	30		
50.050601 Acting/Directing			ACTIVE	EMPH	30		
50.050101 Theatre	Winona State University	5169 Winona-WSU Campus	ACTIVE	BA	120	Land	
50.0502 TECHNICAL THEATRE/THEATRE DESIGN AND TECHNOLOGY. A program that prepares individuals to apply artistic, technical and dramatic principles and techniques to the communication of dramatic information, ideas, moods, and feelings through technical theatre methods. Includes instruction in set design, lighting design, sound effects, theatre acoustics, scene painting, property management, costume design, and technical direction and production and use of computer applications to support these functions. Examples: [Scene Painting]						B	N
50.050201 Theatre Production and Design	Normandale Community College	5074 Bloomington Campus	NEW	AFA	60	Land	
50.0601 FILM/CINEMA/VIDEO STUDIES. A program in the visual arts that focuses on the study of the history, development, theory, and criticism of the film/video arts, as well as the basic principles of film making and film production.						B	N
50.060102 Cinema Studies	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	24	Land	
50.060103 Film History and Criticism	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	NEW	Minor	21	Land	
50.060100 Film Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land	
50.060104 Film History and Criticism			ACTIVE	EMPH	16		
50.060204 Film Production			ACTIVE	EMPH	16		
50.060101 Film Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
50.0901 MUSIC, GENERAL. A general program that focuses on the introductory study and appreciation of music and the performing arts. Includes instruction in music, dance, and other performing arts media.						B	N
50.090101 Music	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AFA	68	Land	
50.090100 Music	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land	
50.090302 Instrumental Performance			ACTIVE	EMPH	33		
50.090701 Piano Performance and Pedagogy			ACTIVE	EMPH	26		
50.090803 Vocal Performance			ACTIVE	EMPH	33		
50.090101 Music	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AFA	68	Land	
50.090101 Music	Minnesota State Community and Technical College	5490 Fergus Falls Campus	ACTIVE	AFA	68	Land	
50.090101 Music	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land	
50.090101 Music	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
50.090100 Music	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MM	34	Land	
13.131212 Music Education			ACTIVE	EMPH	30		
50.090311 Performance			ACTIVE	EMPH	30		

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
50.090101 Music	Normandale Community College	5074 Bloomington Campus	ACTIVE	AFA	68	Land	
50.090100 Music	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	PRENEW	AFA	68	Land	
50.090100 Music	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land	
50.090103 Music in the Liberal Arts			ACTIVE	EMPH	14		
50.090300 Instrumental Performance			ACTIVE	EMPH	28		
50.090400 Theory/Composition			ACTIVE	EMPH	28		
50.090700 Piano Performance/Pedagogy			ACTIVE	EMPH	28		
50.090800 Vocal Performance			ACTIVE	EMPH	28		
50.100300 Management			ACTIVE	EMPH	36		
50.090101 Music	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	B.Mus	120	Land	
50.090302 Instrumental Performance			ACTIVE	EMPH	17		
50.090702 Piano Performance			ACTIVE	EMPH	14		
50.090703 Piano Pedagogy			ACTIVE	EMPH	16		
50.090801 Vocal Performance			ACTIVE	EMPH	21		
50.090100 Music	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
50.010213 Music and New Media			ACTIVE	EMPH	24		
50.090412 Theory/Composition			ACTIVE	EMPH	22		
50.091011 Jazz			ACTIVE	EMPH	19		
50.090101 Music	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land	
50.090100 Music	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MM	32	Land	
13.131200 Music Education			ACTIVE	EMPH	22		
50.090611 Conducting			ACTIVE	EMPH	23		
50.090711 Piano Pedagogy			ACTIVE	EMPH	23		
50.090101 Music	Winona State University	5169 Winona-WSU Campus	ACTIVE	BA	120	Land	
50.0903 MUSIC PERFORMANCE, GENERAL. A program that generally prepares individuals to master musical instruments and performing art as solo and/or ensemble performers. Includes instruction on one or more specific instruments from various instrumental groupings.						B	N
50.090300 Music Performance	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	B.Mus	120	Land	
50.090315 Wind or String or Percussion			ACTIVE	EMPH	80		
50.090700 Keyboard			ACTIVE	EMPH	80		
50.090800 Voice			ACTIVE	EMPH	80		
50.091015 Jazz and Studio Music			ACTIVE	EMPH	83		
50.090300 Performance	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BM	120	Land	
50.090300 Instrumental			ACTIVE	EMPH	35		
50.090701 Piano			ACTIVE	EMPH	37		
50.090801 Voice			ACTIVE	EMPH	41		
50.090301 Music Performance	Winona State University	5169 Winona-WSU Campus	ACTIVE	B.Mus	120	Land	

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50.0904 MUSIC THEORY AND COMPOSITION. A program that focuses on the study of the principles of sound manipulation as applied to the creation of music, and the techniques of creating and arranging music. Includes instruction in aural theory, melody, counterpoint, complex harmony, modulation, chromatics, improvisation, progressions, musical writing, instrumentation, orchestration, electronic and computer applications, studies of specific musical styles, and development of original creative ability.							B	N
50.090401 Composition	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	B.Mus	120	Land	
50.0906 CONDUCTING. A program that prepares individuals to master the art of leading bands, choirs, orchestras and other ensembles in performance, and related music leadership. Includes instruction in score analysis and arranging, rehearsal and performance leadership, music coaching, arrangement and performance planning, ensemble operations management, and applications to specific school or professional ensembles.							B	N
50.090603 Choral Conducting	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MM	30	Land	
50.090602 Wind Band Conducting	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MM	30	Land	
50.0913 MUSIC TECHNOLOGY. A program that focuses on the creative aspects of the blending of music and technology; and that prepares individuals to apply technical knowledge and skills to the composition, recording, synthesis, and performance of music; audio-visual production; scoring for film and multimedia; and software and multimedia development. Includes instruction in music theory, music history, composition, acoustics, recording technology, computer composition, electronic music synthesis, technology-based performance, 3D sound and spatial audio, and music business and law.								Y
50.091300 Digital Arts - Music Technology	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	24	Land	
50.091300 Digital Arts--Music Technology	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	AS	60	Land	
Pathway: Printing Technology								
10.0301 GRAPHIC COMMUNICATIONS, GENERAL. A program that generally prepares individuals to apply technical knowledge and skills in the manufacture and distribution or transmission of graphic communications products. Includes instruction in the prepress, press, and postpress phases of production operations and processes such as offset lithography, flexography, gravure, letterpress, screen printing, foil stamping, digital imaging, and other reproduction methods.							B	N
10.030100 Graphic Design Media	Mesabi Range Community and Technical College	5536	Eveleth Campus	ACTIVE	AAS	75	Land	
10.030101 Graphic Design Media	Mesabi Range Community and Technical College	5536	Eveleth Campus	ACTIVE	Diploma	64	Land	
10.030100 Graphic Communications	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BS	128	Land	
50.010211 Digital Design and Production				ACTIVE	EMPH	64		
50.010212 Multimedia Development				ACTIVE	EMPH	67		
10.030100 Graphic Communications	South Central College	5183	North Mankato Campus	ACTIVE	AAS	72	Land	
10.030100 Graphic Communications	South Central College	5183	North Mankato Campus	ACTIVE	Diploma	60	Land	
10.0302 PRINTING MANAGEMENT. A program that prepares individuals to apply technical and managerial knowledge and skills to the processes and procedures of managing printing operations from initial design through finished product distribution. Includes instruction in the principles of graphic communications design and production; quality control; printing operations management; computerization; printing plant management; business finance and marketing; logistics and distribution; personnel supervision and leadership; and professional standards in the graphic communications industry.							F	Y
10.030202 Printing Sales and Marketing	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
10.0303 PREPRESS/DESKTOP PUBLISHING AND DIGITAL IMAGING DESIGN. A program that prepares individuals to apply technical knowledge and skills to the layout, design and typographic arrangement of printed and/or electronic graphic and textual products. Includes instruction in printing and lithographic equipment and operations, computer hardware and software, digital imaging, print preparation, page layout and design, desktop publishing, and applicable principles of graphic design and web page design.							M	Y
10.030301 Electronic Publishing	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	72	Land	
10.030301 Electronic Publishing	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	64	Land	
10.030329 Production Technician for Digital Publishing	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Certificate	28	Land	
10.030301 Desktop Publishing Essentials	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
10.030314 Computer Publishing	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	32	Land	
10.030303 Technical Illustration	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	67	Land	
10.030313 Technical Illustration	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	58	Land	
10.030301 Desktop Publishing and Digital Publications	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	16	Land	
10.0304 ANIMATION, INTERACTIVE TECHNOLOGY, VIDEO GRAPHICS AND SPECIAL EFFECTS. A program that prepares individuals to use computer applications and related visual and sound imaging techniques to manipulate images and information originating as film, video, still photographs, digital copy, soundtracks, and physical objects in order to communicate messages simulating real-world content. Includes instruction in specialized camerawork and equipment operation and maintenance, image capture, computer programming, dubbing, CAD applications, and applications to specific commercial, industrial, and entertainment needs.						B	Y
10.030401 Advanced 3D Animation	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	12	Land	
10.030407 Cinematic Visual Effects	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	48	Land	
10.030408 Digital Animation	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	48	Land	
10.030402 Dynamic Digital Media	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Land	
10.030406 Interactive Media	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	39	Land	
10.0305 GRAPHIC AND PRINTING EQUIPMENT OPERATOR, GENERAL PRODUCTION. A program that generally prepares individuals to apply technical knowledge and skills to plan, prepare, and execute a variety of commercial and industrial graphic communications jobs. Includes instruction in the operation and maintenance of mechanical, electronic, and digital graphic, printing, and finishing equipment; and related processes.						F	Y
10.030502 Digital Printing (Variable Data)	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	24	Land	
10.030503 Printing Machine Operator	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	16	Land	
10.030502 Printing Technologies	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
10.030503 Printing Technologies	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
10.0307 PRINTING PRESS OPERATOR. A program that prepares individuals to apply technical knowledge and skills to set up, operate, and maintain printing presses.						F	Y
10.030712 Printing Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	30	Land	
Pathway: Visual Arts							
10.0201 PHOTOGRAPHIC AND FILM/VIDEO TECHNOLOGY/TECHNICIAN AND ASSISTANT. A program that prepares individuals to apply technical knowledge and skills to the operation and maintenance of camera and lighting equipment and the production of finished still, video, and film products under the supervision of photographers, directors, and editors. Includes instruction in equipment setup and maintenance; lighting; power supplies; studio and film set tasks such as camera operator, grip, and best boy; plate and negative handling and development; laboratory procedures; and digital software applications.						F	Y
10.020101 Video Production Specialist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
10.020101 Video Production Specialist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
50.0102 DIGITAL ARTS. A general, undifferentiated program that focuses on the use of computerized digital images as the primary medium of expression in the visual and performing arts, and that may prepare individuals for a wide variety of careers using new media, including graphic design, digital animation, motion graphics, 3D visualization, game and interactive media design, music and sound design, video production, web design, photography, and other fields. Examples: [Digital Art]							N
50.010200 Digital Animation	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	17	Land	
50.010200 Motion Graphics	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	24	Either	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
50.010201 Visualization Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land	
50.010201 Visualization Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	21	Land	
50.010200 New Media - Music and Art	St. Cloud State University	5164 St. Cloud-SCSU Campus	NEW	Minor	24	Land	
50.0402 COMMERCIAL AND ADVERTISING ART. A program in the applied visual arts that prepares individuals to use artistic techniques to effectively communicate ideas and information to business and consumer audiences via illustrations and other forms of digital or printed media. Includes instruction in concept design, layout, paste-up, and techniques such as engraving, etching, silkscreen, lithography, offset, drawing and cartooning, painting, collage, and computer graphics. Examples: [Sign Painting], [Commercial Art Painting]						B	N
50.040201 Communication Art and Design	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land	
50.040231 Communication Art and Design	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	66	Land	
50.040201 Design Technology	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land	
50.040207 Communication Art and Design	Central Lakes College	5008 Staples Campus	ACTIVE	AAS	72	Land	
50.040212 Communication Art and Design	Central Lakes College	5008 Staples Campus	ACTIVE	Diploma	64	Land	
50.040213 Communication Art and Design - Media Technologies	Central Lakes College	5008 Staples Campus	ACTIVE	Diploma	31	Land	
50.040231 Applied Visual Arts	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	72	Land	
50.040212 Applied Visual Arts	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	64	Land	
50.0406 COMMERCIAL PHOTOGRAPHY. A program in the applied visual arts that prepares individuals to use artistic techniques to effectively communicate ideas and information to business and consumer audiences, and recording events and people, via digital, film, still and video photography. Includes instruction in specialized camera and equipment operation and maintenance, applications to commercial and industrial needs, and photography business operations.						B	Y
50.040602 Photographic Equipment and Technical Services	Central Lakes College	5008 Staples Campus	ACTIVE	AAS	72	Land	
50.040601 Photographer Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	19	Land	
50.040616 Commercial Photography	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Diploma	56	Land	
50.040615 Portrait and Wedding Photography	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Diploma	58	Land	
50.040604 Professional Commercial Photography	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	AAS	62	Land	
50.040603 Professional Portrait and Wedding Photography	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	AAS	64	Land	
50.040601 Photography	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	27	Land	
50.040601 Photography and Digital Imaging	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Land	
50.040601 Photography and Digital Imaging	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	52	Land	
50.040601 Digital Photography and Imaging	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	NEW	Certificate	18	Land	
50.040601 Professional Photography Technology	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	72	Land	
50.040602 Professional Photography Technology	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	64	Land	
50.040600 Photography	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	26	Land	

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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
50.040601 Digital Photography	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	16	Land	
50.0409 GRAPHIC DESIGN. A program that prepares individuals to apply artistic and computer techniques to the interpretation of technical and commercial concepts. Includes instruction in computer-assisted art and design, printmaking, concepts sketching, technical drawing, color theory, imaging, studio technique, still and life modeling, multimedia applications, communication skills and commercial art business operations.							F	Y
50.040901 Graphic Design Technology	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	72	Land	
50.040901 Graphic Design Technology	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	64	Land	
50.040900 Graphic Design	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
10.030500 Printing Industry				ACTIVE	EMPH	72		
11.080111 Web Design				ACTIVE	EMPH	72		
50.040911 Creative				ACTIVE	EMPH	72		
50.040900 Graphic Design	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
10.030300 Production				ACTIVE	EMPH	54		
11.080111 Web Design				ACTIVE	EMPH	64		
50.040232 Creative				ACTIVE	EMPH	64		
50.040901 Graphic Design Technology	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	AAS	60	Land	
50.040901 Graphic Design Technology	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	Certificate	30	Land	
50.040901 Graphic Design	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Land	
50.040901 Digital Art	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	24	Land	
50.040901 Graphic Design	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	AS	60	Land	
50.0605 PHOTOGRAPHY. A program that focuses on the principles and techniques of communicating information, ideas, moods, and feelings through the creation of images on photographic film, plates, and digital images and that may prepare individuals to be professional photographic artists. Includes instruction in camera and equipment operation and maintenance, film and plate developing, light and composition, films and printing media, color and special effects, photographic art, photographic history, use of computer applications to record or enhance images and applications to the photography of various subjects.							B	Y
50.060500 Matting and Framing	Central Lakes College	5008	Staples Campus	ACTIVE	Certificate	14	Land	
50.060500 Photographic Imaging Technology	Central Lakes College	5008	Staples Campus	ACTIVE	AAS	72	Land	
50.060500 Photographic Imaging Technology	Central Lakes College	5008	Staples Campus	ACTIVE	Diploma	64	Land	
50.060502 Digital Imaging Technician	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	24	Land	
50.060501 Photographic Imaging Technology	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	64	Land	
50.060501 Photographic Imaging Technology	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	32	Land	
50.060501 Photography	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AS	64	Land	

Cluster: Information Technology

Pathway: Information Support and Services

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
11.0103 INFORMATION TECHNOLOGY. A program that focuses on the design of technological information systems, including computing systems, as solutions to business and research data and communications support needs. Includes instruction in the principles of computer hardware and software components, algorithms, databases, telecommunications, user tactics, application testing, and human interface design.						F	N
11.010300 Green IT	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	19	Land	
11.010330 Information Technology Fundamentals	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	21	Land	
11.010302 Information Technology	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AAS	60	Land	
11.010301 Information Technology	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AS	60	Land	
11.010302 Information Technology	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	60	Land	
11.010300 Computer Information Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
11.020100 Software Development			ACTIVE	EMPH	16		
11.080200 Database Technologies			ACTIVE	EMPH	16		
11.090100 Networking and Information Security			ACTIVE	EMPH	16		
11.010302 Computer Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	20	Land	
11.010301 Information Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	32	Land	
11.010301 Computer and Information Technology	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AAS	64	Land	
11.010300 Information Systems	South Central College	5183 North Mankato Campus	ACTIVE	AAS	64	Land	
11.010300 Information Systems	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	64	Land	
11.0401 INFORMATION SCIENCE/STUDIES. A program that focuses on the theory, organization, and process of information collection, transmission, and utilization in traditional and electronic forms. Includes instruction in information classification and organization; information storage and processing; transmission, transfer, and signaling; communications and networking; systems planning and design; human interfacing and use analysis; database development; information policy analysis; and related aspects of hardware, software, economics, social factors, and capacity.						F	N
11.040100 Computer Information Systems	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AS	60	Either	
11.040101 Computer Information Systems (CIS)	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land	
11.040100 Computer Information Systems	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AS	60	Land	
11.040101 Computer Information Technology	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land	
11.040101 Computer Information Systems	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land	
11.040102 Computer Information Technology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land	
11.040101 Computer Information Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	20	Land	
11.040101 Computers/Information Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	15	Land	
11.040101 Computer Information Systems	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land	
11.040111 Applied Computer Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
11.0802 DATA MODELING/WAREHOUSING AND DATABASE ADMINISTRATION. A program that prepares individuals to design and manage the construction of databases and related software programs and applications, including the linking of individual data sets to create complex searchable databases (warehousing) and the use of analytical search tools (mining). Includes instruction in database theory, logic, and semantics; operational and warehouse modeling; dimensionality; attributes and hierarchies; data definition; technical architecture; access and security design; integration; formatting and extraction; data delivery; index design; implementation problems; planning and budgeting; and client and networking issues.						B	N
11.080202 Microsoft Database Specialist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	23	Land	
11.080203 Oracle Database Specialist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	24	Land	
11.080204 Database Administration	Metropolitan State University	5054 Metropolitan State University, Minneapolis Campus	ACTIVE	GC	22	Either	
11.080203 Database Administrator	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	22	Land	
11.080204 Database Specialist	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	29	Land	
11.080201 Database Technologies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Certificate	12	Land	
11.080201 Database Technologies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	20	Land	
11.080201 Database Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	10	Either	
11.080202 Database Administration	Northwest Technical College	5494 EACE - Northwest Technical College - Bemidji	ACTIVE	Certificate	16	Land	
11.080203 Database Specialist	Northwest Technical College	5494 EACE - Northwest Technical College - Bemidji	ACTIVE	Certificate	15	Land	
11.1001 NETWORK AND SYSTEM ADMINISTRATION/ADMINISTRATOR. A program that prepares individuals to manage the computer operations and control the system configurations emanating from a specific site or network hub. Includes instruction in computer hardware and software and applications; local area (LAN) and wide area (WAN) networking; principles of information systems security; disk space and traffic load monitoring; data backup; resource allocation; and setup and takedown procedures. Examples: [Network Administration]						F	Y
11.100100 Network Support and Administration	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	30	Land	
11.100100 Computer Network Administration	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	60	Land	
11.100110 Linux System Administrator	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.100109 Microsoft Certified Systems Administrator (MCSA)	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.100102 Networking Administration	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	71	Land	
11.100101 Networking Administration	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	60	Land	
11.100101 Network Administrator/Analyst	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	60	Land	
11.100103 IT Specialist: Network Administration	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	72	Either	
11.100108 IT Specialist: Network Administration	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	29	Land	
11.100100 IT Specialist: Network Administration	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	59	Either	
11.100109 Microsoft Server Administrator	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	13	Either	
11.100101 Computer Support and Network Administration	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Land	
11.100111 Computer Support and Network Administrator	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	54	Land	
11.100131 Linux Network Administrator	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	22	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
11.100132 Macintosh Support and Network Administration	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	26	Land
11.100133 Microsoft Network Administrator	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	22	Land
11.100130 Wireless Network Administrator	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	22	Land
11.100100 Network Administration and Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	AAS	72	Land
11.100100 Network Administration and Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	32	Land
11.100103 Network Administration and Technology - Cisco	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	12	Land
11.100102 Network Administration and Technology - Microsoft	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	12	Land
11.100100 Network Administration	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	AAS	60	Land
11.100102 Business and Computer Systems Management	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	66	Land
11.100106 Linux Administrator	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	20	Land
11.100100 Network Systems Administration	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	63	Land
11.100100 Network Systems Administration	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	50	Land
11.100103 Windows Administrator	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	20	Land
11.100133 Microsoft Systems Engineer	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Certificate	27	Land
11.100125 Network Administration	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	20	Land
11.100100 Network Administration	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	60	Land
11.1006 COMPUTER SUPPORT SPECIALIST. A program that prepares individuals to provide technical assistance, support, and advice to computer users to help troubleshoot software and hardware problems. Includes instruction in computer concepts, information systems, networking, operating systems, computer hardware, the Internet, software applications, help desk concepts and problem solving, and principles of customer service. Examples: [Technical Support Specialist], [Help Desk Specialist], [IT Support Specialist]						Y
11.100600 Computer Help Desk Specialist	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	30	Land
11.100600 Computer Support Specialist	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	32	Land
11.100600 Help Desk Specialist	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	10	Land
11.100609 Advanced Computer Support	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land
11.100603 PC Support Specialist	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land
11.100614 PC Technician	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	30	Land
11.100600 Computer Service Desk Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	26	Land
11.100603 Desktop Support	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	60	Land

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
11.100603 Desktop Support Specialist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	50	Land	
11.100600 I.T. Help Desk	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	15	Land	
11.100601 Microcomputer Software Support Specialist	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AAS	60	Land	
11.100602 Microcomputer Support Specialist	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AAS	60	Land	
11.100602 PC Support Technician	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	15	Land	
11.100600 Microcomputer and Web Support	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	AAS	64	Either	
11.100602 IT Systems Support	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	68	Either	
11.100600 IT Systems Support	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Certificate	18	Either	
11.100602 IT Systems Support	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Diploma	34	Land	
11.100600 Administrative Support Software Specialist	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	64	Land	
11.100602 Computer Helpdesk Technician	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	33	Either	
11.100600 Helpdesk	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	30	Land	
11.100601 Computer Assistant	South Central College	5183 North Mankato Campus	ACTIVE	Certificate	30	Land	
11.100601 PC Specialist	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	32	Land	
15.1202 COMPUTER TECHNOLOGY/COMPUTER SYSTEMS TECHNOLOGY. A program that prepares individuals to apply basic engineering principles and technical skills in support of professionals who use computer systems. Includes instruction in basic computer design and architecture, programming, problems of specific computer applications, component and system maintenance and inspection procedures, hardware and software problem diagnosis and repair, and report preparation.						F	Y
15.120200 Information Technology Management	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	72	Land	
11.020108 Software Development			ACTIVE	EMPH	36		
11.050108 Information Systems Analyst			ACTIVE	EMPH	32		
11.050151 Convergence Technology			ACTIVE	EMPH	32		
11.080108 Web Design and Development			ACTIVE	EMPH	32		
11.090108 Network Analyst			ACTIVE	EMPH	32		
50.041108 Multimedia and Game Programming			ACTIVE	EMPH	36		
15.120201 Computer Information Technology	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	60	Land	
15.120202 Microcomputer Support Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	48	Land	
15.120201 Microcomputer Support Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
11.100102 Linux System Administrator			ACTIVE	EMPH	13		
11.100600 Cisco Networking Support			ACTIVE	EMPH	13		
11.100602 Advanced Computer Support			ACTIVE	EMPH	13		
15.120201 Computer Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	AS	60	Land	

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Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
15.120201 Computer Applied Technology	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AS	60	Land
15.120202 Computer Specialist	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AAS	60	Land
15.120205 Computer Specialist	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Either
15.120201 Computer Support Technician	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	AAS	64	Land
15.120201 Computer Support Technician	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Diploma	64	Land
15.120201 Computer Technology	Normandale Community College	5074 Bloomington Campus	ACTIVE	AAS	60	Land
15.120202 Computer Technology	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	17	Land
15.120201 Computer Support Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	63	Land
15.120201 Computer Support Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	50	Land
15.120201 Computer Technology	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	AAS	65	Land

Pathway: Network Systems

11.0701 COMPUTER SCIENCE. A program that focuses on computer theory, computing problems and solutions, and the design of computer systems and user interfaces from a scientific perspective. Includes instruction in the principles of computational science, computer development and programming, and applications to a variety of end-use situations.

F N

11.070101 Computer Science	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Land
11.070100 Computer Science	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land
30.000002 Integrated			ACTIVE	EMPH	64	
30.080102 Professional			ACTIVE	EMPH	59	
11.070101 Computer Science	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AS	60	Land
11.070101 Computer Science	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	60	Land
11.070101 Computer Science	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land
11.070101 Computer Science	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	MS	34	Land
11.070101 Computer Science	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land
11.070100 Computer Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	32	Land
11.070101 Computer Science	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AS	60	Land
11.070101 Computer Science	Normandale Community College	5074 Bloomington Campus	ACTIVE	AS	60	Land
11.070101 Computer Science	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Either
11.070101 Computer Science	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	AS	60	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
11.070102 Computer Science	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land	
11.070101 Computer Science	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AS	60	Land	
11.070101 Computer Science	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
11.070113 Computer Algorithmics	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	17	Land	
11.070111 Computer Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
11.070100 Computer Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	32	Land	
11.070100 Computer Science	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	BS	120	Land	
11.040111 Applied Computer Science			ACTIVE	EMPH	32		
11.040112 Applied Computer Science			ACTIVE	EMPH	32		
26.110312 Applied CS: Bioinformatics			ACTIVE	EMPH	69		
26.110314 Applied CS: Bioinformatics			ACTIVE	EMPH	69		
30.310114 Applied CS: Human Computer Interaction			ACTIVE	EMPH	69		
45.070214 Applied CS: Geographic Information Technology			ACTIVE	EMPH	69		
11.0901 COMPUTER SYSTEMS NETWORKING AND TELECOMMUNICATIONS. A program that focuses on the design, implementation, and management of linked systems of computers, peripherals, and associated software to maximize efficiency and productivity, and that prepares individuals to function as network specialists and managers at various levels. Includes instruction in operating systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting. Examples: [Computer Systems Telecommunications], [Computer Systems Networking]						F	N
11.090115 Computer and Voice Networking	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land	
11.090101 Computer Networking and Telecommunications	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Land	
11.090109 Advanced Networking	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.090113 Cisco Networking Support	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.090100 Information and Telecommunications Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
11.090106 Advanced Networking			ACTIVE	EMPH	13		
11.090107 Storage Area Networking			ACTIVE	EMPH	13		
11.090118 VoIP Infrastructure and Management			ACTIVE	EMPH	13		
11.090119 Microsoft Certified Systems Administrator			ACTIVE	EMPH	13		
11.100306 Information Security/Assurance			ACTIVE	EMPH	13		
11.090108 Information and Telecommunications Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land	
11.090112 Networking Fundamentals	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.090110 Storage Area Networking	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.090111 VoIP Infrastructure and Management	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode
11.090133 Cisco Networking	Hennepin Technical College	5036	Eden Prairie Campus	ACTIVE	Certificate	18	Land
11.090132 Linux Networking	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Certificate	21	Land
11.090102 Network Support Specialist	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	44	Land
11.090131 Windows Networking	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Certificate	22	Land
11.090101 Cisco Network Technician	Hibbing Community College, A Technical and Community College	5040	Hibbing Campus	ACTIVE	Certificate	17	Land
11.090102 Advanced Network Technology	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	15	Land
11.090100 IP Telephony	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	15	Land
11.090102 Network Technology and Security	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	AAS	60	Land
11.090108 CISCO Network Associate	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	14	Either
11.090131 Cisco Network	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Certificate	26	Land
11.090116 Cisco Networking	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	Certificate	12	Either
11.090102 Computer and Network Technology	Minnesota State Community and Technical College	5501	Wadena Campus	ACTIVE	AAS	70	Land
11.090101 Network Technology Administration	Minnesota State Community and Technical College	1041	Virtual - MN State Community & Technical College	ACTIVE	AAS	66	Online
11.090101 Network Technology Administration	Minnesota State Community and Technical College	5501	Wadena Campus	ACTIVE	Diploma	33	Either
11.090117 Voice and Video Over Internet Protocol	Minnesota State Community and Technical College	5501	Wadena Campus	ACTIVE	Certificate	15	Land
11.090101 Networking Technologies	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Certificate	12	Land
11.090118 CISCO Networking	Minnesota West Community and Technical College	5059	Granite Falls Campus	ACTIVE	Certificate	16	Either
11.090117 IT Workplace Specialist	Minnesota West Community and Technical College	5058	Canby Campus	ACTIVE	Certificate	16	Either
11.090118 Networking Specialist	Minnesota West Community and Technical College	5061	Jackson Campus	ACTIVE	AAS	68	Land
11.090102 Networking Specialist	Minnesota West Community and Technical College	5072	Worthington Campus	ACTIVE	AS	60	Land
11.090101 Networking Specialist	Minnesota West Community and Technical College	5061	Jackson Campus	ACTIVE	Diploma	48	Land
11.090112 Cisco Networking	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	Certificate	14	Land
11.090101 Computer and Network Technology	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	AAS	66	Land
11.090103 Cisco Networking	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	12	Land
11.090101 Computer and Network Technology	Northwest Technical College	5494	EACE - Northwest Technical College - Bemidji	ACTIVE	AAS	66	Land
11.090113 Computer and Network Technology	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	30	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode
11.090101 E-Merging Computer Technology	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	AAS	60	Either
11.090114 Networking and Microcomputer Technologies	Pine Technical College	5162	Pine Technical College Campus	ACTIVE	Certificate	29	Land
11.090134 Cisco Network Associate	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	Certificate	18	Land
11.090135 Fundamentals of Wireless LANs	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	Certificate	18	Land
11.090126 Cloud Computing and Virtualization Administration	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	16	Land
11.090101 Computer Network Engineering	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	60	Land
11.090101 Computer Network Engineering Specialist	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AS	60	Land
11.090101 Networking Services	South Central College	5183	North Mankato Campus	ACTIVE	AAS	64	Land
11.090101 Networking Services	South Central College	5183	North Mankato Campus	ACTIVE	Diploma	64	Land
11.090101 Computer Networking and Applications	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	Minor	17	Land
11.090100 Data Communication	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	Minor	26	Land
11.090101 Cisco Networking (Associate)	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Certificate	15	Land

Pathway: Programming and Software Development

11.0201 COMPUTER PROGRAMMING/PROGRAMMER, GENERAL. A program that focuses on the general writing and implementation of generic and customized programs to drive operating systems and that generally prepares individuals to apply the methods and procedures of software design and programming to software installation and maintenance. Includes instruction in software design, low- and high-level languages and program writing; program customization and linking; prototype testing; troubleshooting; and related aspects of operating systems and networks.

F N

11.020101 Computer Programming	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	30	Land
11.020101 Software Development	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	71	Land
11.020102 Software Development	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	60	Land
11.020130 Programmer	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land
11.020101 Computer Programmer	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	AAS	60	Land
11.020106 Open Source Developer	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Certificate	26	Land
11.020101 Software Developer	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Diploma	54	Land
11.020101 Software Development	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AAS	64	Land
11.020100 Computer Programming and Web Development	Minnesota State College-Southeast Technical	1018	Virtual - Minnesota State College-Southeast Techni	ACTIVE	AAS	72	Online
11.020101 Computer Programming	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	AAS	70	Either
11.020100 Software Development	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Certificate	12	Land
11.020100 Software Development	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Minor	20	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
11.020105 Programmer Specialist	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Either	
11.020105 Application Programming	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	12	Either	
11.020104 Object-Oriented Programming	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	12	Either	
11.020101 Computer Programming	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	AAS	60	Land	
11.020101 Computer Programmer	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	63	Land	
11.020101 Computer Programmer	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	49	Land	
11.020102 Computer Programming	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land	
11.020233 Java			ACTIVE	EMPH	16		
11.080132 Web Development			ACTIVE	EMPH	16		
11.020101 Computer Programming	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AS	60	Land	
11.020113 Computer Organization and Programming	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	17	Land	
11.020101 Computer Programmer	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	71	Land	
11.020101 Computer Programmer	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	59	Land	
11.0202 COMPUTER PROGRAMMING, SPECIFIC APPLICATIONS. A program that prepares individuals to apply the knowledge and skills of general computer programming to the solution of specific operational problems and customization requirements presented by individual software users and organizational users. Includes training in specific types of software and its installation and maintenance.						B	Y
11.020206 Java Programmer	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	24	Land	
11.020205 Visual Basic Programmer	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	24	Land	
11.020231 Visual Basic Programmer	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Diploma	64	Land	
11.020209 JAVA	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	25	Land	
11.020204 Mobile Application Developer	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	25	Land	
11.020207 VB .Net Developer	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	25	Land	
11.020208 Visual C# Developer	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	29	Land	
11.020205 .NET Programming	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	12	Either	
11.020204 Internet Programming	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	19	Either	
11.020201 Java Computer Programmer	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	20	Land	
11.020224 Java Programming	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	24	Land	
11.020223 Mobile Development	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	24	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
11.0501 COMPUTER SYSTEMS ANALYSIS/ANALYST. A program that prepares individuals to apply programming and systems analysis principles to the selection, implementation, and troubleshooting of customized computer and software installations across the life cycle. Includes instruction in computer hardware and software; compilation, composition, execution, and operating systems; low- and high-level languages and language programming; programming and debugging techniques; installation and maintenance testing and documentation; process and data flow analysis; user needs analysis and documentation; cost-benefit analysis; and specification design.						F	Y
11.050108 Advanced Systems in Computerizing Small Business	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	21	Land	
11.050107 Applications in Computerizing Small Business	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	10	Land	
11.050109 Applications in Small Business Management	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	12	Land	
11.050105 Computerizing Small Business	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	32	Land	
11.050105 Computerizing Small Business	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	32	Land	
11.050104 Computerizing Small Business	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	39	Land	
11.1003 COMPUTER AND INFORMATION SYSTEMS SECURITY/INFORMATION ASSURANCE. A program that prepares individuals to assess the security needs of computer and network systems, recommend safeguard solutions, and manage the implementation and maintenance of security devices, systems, and procedures. Includes instruction in computer architecture, programming, and systems analysis; networking; telecommunications; cryptography; security system design; applicable law and regulations; risk assessment and policy analysis; contingency planning; user access issues; investigation techniques; and troubleshooting. Examples: [Information Assurance], [IT Security], [Internet Security], [Network Security], [Information Systems Security]						F	N
11.100301 Information Technology Security Specialist	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	16	Land	
11.100301 Computer Network Security	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	15	Land	
11.100301 Computer Forensics	Bemidji State University	5006 Bemidji-BSU Campus	NEW	Minor	28	Land	
11.100301 Computer Forensics	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
11.100304 Computer Forensics	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.100301 Data Recovery and Video Forensics	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.100303 Information Security/Assurance	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.100305 IT Security and Audit Control	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.100303 Computer Forensics	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	19	Land	
11.100301 Computer Security	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AAS	61	Land	
11.100302 Computer Security	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	17	Land	
11.100302 E-Crime	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AAS	60	Land	
11.100303 IT Security	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	21	Land	
11.100301 Network Security and Forensics	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Certificate	24	Land	
11.100307 Advanced Network Security	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	15	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
11.100308 Advanced Network Technology	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	15	Land	
11.100301 Computer Forensics	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BAS	120	Land	
11.100301 Computer Forensics	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	Certificate	24	Land	
11.100300 Information Assurance	Metropolitan State University	5054	Metropolitan State University, Minneapolis Campus	ACTIVE	BAS	120	Land	
11.100303 Information Assurance (IA) and Information Technology (IT) Security	Metropolitan State University	5054	Metropolitan State University, Minneapolis Campus	ACTIVE	GC	20	Either	
11.100301 Computer Forensics	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AAS	60	Land	
11.100301 Computer Security Specialist	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Certificate	26	Land	
11.100301 Information Assurance Professional	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Diploma	47	Land	
11.100302 Network Security	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Certificate	18	Land	
11.100301 Computer Network Security	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	AAS	67	Land	
11.100301 Computer Network Security	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	Certificate	12	Either	
11.100301 Information Security	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Certificate	12	Land	
11.100303 Networking and Information Security	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Minor	20	Land	
11.100306 Information Security Administration	Minnesota West Community and Technical College	5059	Granite Falls Campus	ACTIVE	Certificate	15	Land	
11.100301 Information Security and Assurance	Minnesota West Community and Technical College	1021	Virtual - Minnesota West Community and Technical C	ACTIVE	AAS	64	Online	
11.100305 Information Security Management	Minnesota West Community and Technical College	1021	Virtual - Minnesota West Community and Technical C	ACTIVE	Certificate	14	Online	
11.100301 Fundamentals of Network Security	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	Certificate	21	Land	
11.100301 Network Security	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	AAS	69	Land	
11.100300 Information Assurance	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	30	Land	
11.090100 Networking				ACTIVE	EMPH	9		
52.120100 Information Management				ACTIVE	EMPH	9		
11.100301 Network Information Security Systems	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
11.100301 Network Information Security Systems	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	Minor	26	Land	
14.0901 COMPUTER ENGINEERING, GENERAL. A program that generally prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of computer hardware and software systems and related equipment and facilities; and the analysis of specific problems of computer applications to various tasks. Examples: [Computer Systems Engineering]								F
14.090101 Computer Engineering	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BSEC	128	Land	N
14.090101 Computer Engineering	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	128	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
Pathway: Web and Digital Communications								
11.0801 WEB PAGE, DIGITAL/MULTIMEDIA AND INFORMATION RESOURCES DESIGN. A program that prepares individuals to apply HTML, XML, Javascript, graphics applications, and other authoring tools to the design, editing, and publishing (launching) of documents, images, graphics, sound, and multimedia products on the World Wide Web. Includes instruction in Internet theory, web page standards and policies, elements of web page design, user interfaces, vector tools, special effects, interactive and multimedia components, search engines, navigation, morphing, e-commerce tools, and emerging web technologies.							B	Y
11.080102 Advanced Multimedia/Web Design	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Certificate	16	Land	
11.080102 Interactive Media Design	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	29	Land	
11.080102 Multi-Media and Web Page Design	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	72	Land	
11.080102 Web Developer	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	32	Land	
11.080101 Basic Web Technologies	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Certificate	17	Land	
11.080101 Web Programmer	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	60	Land	
11.080101 Web Programmer	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	58	Land	
11.080100 Web Developer	Hibbing Community College, A Technical and Community College	5040	Hibbing Campus	ACTIVE	AAS	60	Land	
11.080101 Computer and Web Programming	Lake Superior College	5047	Duluth Campus	ACTIVE	AAS	72	Land	
11.080101 Computer and Web Programming	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	30	Land	
11.080101 Computer and Web Programming	Lake Superior College	5047	Duluth Campus	ACTIVE	Diploma	61	Land	
11.080130 Web and Interactive Media	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AAS	66	Land	
11.080130 Web and Interactive Media	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Certificate	18	Land	
11.080101 Web Applications Programming	Minnesota State College-Southeast Technical	5113	Red Wing Campus	ACTIVE	Certificate	27	Either	
11.080101 Web Development	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	AAS	63	Either	
11.080101 Web Development	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	Certificate	30	Either	
11.080101 Web Development	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	Diploma	62	Either	
11.080101 Web Development	Minnesota West Community and Technical College	5072	Worthington Campus	ACTIVE	AS	60	Land	
11.080101 Web Graphic Design, Programming and e-Commerce	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	NEW	Certificate	17	Land	
11.080101 Web Programming	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	AAS	63	Land	
11.080101 Web Programming	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	50	Land	
11.080101 Web Developer	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	AAS	60	Either	
11.080102 Web Developer	Riverland Community College, A Technical & Community College	5139	Austin Campus	ACTIVE	Diploma	47	Either	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
11.080101 Web Page Design	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	30	Land	
11.080104 Web Design	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	18	Land	
11.080103 Web Development	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	24	Land	
11.080101 Web Programmer	South Central College	5183 North Mankato Campus	ACTIVE	Certificate	23	Either	
11.1004 WEB/MULTIMEDIA MANAGEMENT AND WEBMASTER. A program that prepares individuals to develop and maintain web servers and the hosted web pages at one or a group of web sites, and to function as designated webmasters. Includes instruction in computer systems and networks, server installation and maintenance, web page design and editing, information resources management, web policy and procedures, Internet applications of information systems security, user interfacing and usability research, and relevant management and communications skills. Examples: [Website Development], [Web Development], [Webmaster]						B	Y
11.100401 Webmaster	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
11.100401 Webmaster	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	27	Land	
50.0411 GAME AND INTERACTIVE MEDIA DESIGN. A program that focuses on the design, development, and programming of interactive media entertainment, including computer and video games, virtual environments, Internet applications, and other interactive media. Includes instruction in theory of games, turn-based games, real-time games, visual and interactive design, story development, animation, simulation, and programming. Examples: [Game Design], [Game Development]							Y
50.041100 Game Programming	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	16	Either	
50.041100 Web Developer: Game Design	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Certificate	19	Either	
50.041101 Metaverse Application Design	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	NEW	AAS	60	Either	
50.041102 Metaverse Application Development	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	NEW	AAS	60	Either	

FIELD: BUSINESS, MANAGEMENT & ADMINISTRATION

Cluster: Business, Management and Administration

Pathway: Administrative Support

11.0601 DATA ENTRY/MICROCOMPUTER APPLICATIONS, GENERAL. A program that generally prepares individuals to perform basic data and text entry using standard and customized software products. Includes instruction in keyboarding skills, personal computer and work station operation, reading draft texts and raw data forms, audio and tape dictation, and various interactive software programs used for tasks such as word processing, spreadsheets, databases, and others.						M	Y
11.060106 Data Entry Specialist	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Either	
11.060105 IT Workplace Assistant	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Either	
52.0401 ADMINISTRATIVE ASSISTANT AND SECRETARIAL SCIENCE, GENERAL. A program that generally prepares individuals to perform the duties of administrative assistants and/or secretaries and stenographers. Includes instruction in business communications, principles of business law, word processing and data entry, office machines operation and maintenance, office procedures, public relations, secretarial accounting, filing systems and records management, and report preparation.						M	Y
52.040106 Administrative Assistant	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	32	Land	
52.040101 Administrative Specialist	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	64	Land	
52.040101 Administrative Specialist	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	28	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
52.040101 Administrative Specialist	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	45	Land
52.040101 Administrative Specialist	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	18	Land
52.040101 Administrative Assistant	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	60	Land
52.040101 Administrative Support	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	33	Land
52.040102 Administrative Assistant	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land
52.040106 Administrative Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	38	Land
52.040101 Administrative Secretary	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AAS	60	Land
52.040107 Workplace Administrative Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	25	Land
52.040107 Workplace Administrative Professional	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	34	Land
52.040101 Administrative Assistant	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	60	Land
52.040100 Executive Office Management	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	AAS	64	Land
52.040100 Executive Office Management	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	Certificate	18	Land
52.040100 Executive Office Management	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	Diploma	35	Land
52.040106 Administrative Assistant	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	31	Land
52.040102 Administrative Assistant	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	AAS	64	Either
52.040106 Office Specialist	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	32	Either
52.040104 Administrative Assistant	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AAS	60	Land
52.040104 Administrative Management Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	60	Land
52.040103 Administrative Support	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	33	Land
52.040105 Virtual Office Professional	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Certificate	29	Either
52.040100 Administrative Assistant	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AAS	64	Land
52.040711 Office Information Processing			ACTIVE	EMPH	64	
52.040101 Administrative Assistant	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	35	Land
52.040104 Administrative Assistant	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	65	Land
52.040103 Administrative Support	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Diploma	32	Land
52.040711 Microcomputer			ACTIVE	EMPH	49	
52.040104 Administrative Assistant	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	70	Either
52.040106 Administrative Support	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	34	Either

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
52.040100 Business Technology	Pine Technical College	5162 Pine Technical College Campus	NEW	AAS	60	Land		
52.040101 Administrative Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	68	Land		
52.040106 Administrative Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	48	Land		
52.040102 Administrative Assistant	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	AAS	64	Land		
52.040106 Advanced Office Specialist	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	64	Land		
52.040106 Document Specialist	Riverland Community College, A Technical & Community College	5197 Waseca - FCF	ACTIVE	Certificate	10	Land		
52.040107 Office Information Specialist	Riverland Community College, A Technical & Community College	5197 Waseca - FCF	ACTIVE	Certificate	9	Land		
52.040101 Administrative Assistant	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	61	Either		
52.040104 Administrative Assistant	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Either		
52.040102 Administrative Assistant	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	27	Either		
52.040101 Administrative Assistant	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	37	Either		
52.040103 Administrative Assistant Refresher	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	20	Either		
52.040100 Administrative Assistant	South Central College	5183 Faribault Campus	ACTIVE	AAS	68	Land		
52.040102 Administrative Assistant	South Central College	5183 Faribault Campus	ACTIVE	Diploma	54	Land		
52.040100 Administrative Assistant	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	61	Land		
52.0402 EXECUTIVE ASSISTANT/EXECUTIVE SECRETARY. A program that prepares individuals to perform the duties of special assistants and/or personal secretaries for business executives and top management. Includes instruction in business communications, principles of business law, public relations, scheduling and travel management, secretarial accounting, filing systems and records management, conference and meeting recording, report preparation, office equipment and procedures, office supervisory skills, and professional standards and legal requirements.						M	Y	
52.040201 Executive Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	60	Land		
52.0406 RECEPTIONIST. A program that prepares individuals to perform frontline public relations duties for a business, organization, or answering service. Includes instruction in telephone answering techniques, responding to information requests, keeping caller and/or visitor records, placing business calls, operating telephone switchboards and/or other communications equipment, relaying incoming and interoffice calls, schedule maintenance, and public relations skills.						M	Y	
52.040601 Receptionist	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	23	Land		
52.040602 Office Assistant/Receptionist	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	27	Land		
52.040601 Office Assistant/Receptionist	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	38	Land		
52.040613 Receptionist	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	25	Land		
52.040600 Secretary/Receptionist	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	30	Land		
52.040601 Receptionist	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	24	Either		
52.040612 Receptionist	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	23	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
52.040601 Receptionist	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Certificate	21	Land	
52.040601 Customer Relations	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	25	Land	
52.040602 Client Relations Specialist	South Central College	5183 Faribault Campus	ACTIVE	Certificate	27	Land	
52.0407 BUSINESS/OFFICE AUTOMATION/TECHNOLOGY/DATA ENTRY. A program that prepares individuals to support business information operations by using computer equipment to enter, process, and retrieve data for a wide variety of administrative purposes. Includes instruction in using basic business software and hardware, business computer networking, principles of desktop publishing, preparing mass mailings, compiling and editing spreadsheets, list maintenance, preparing tables and graphs, receipt control, and preparing business performance reports.						M	Y
52.040701 Business Computer Applications	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	14	Either	
52.040711 Computer Skills	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	10	Land	
52.040712 Software Applications	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
52.040700 Office Technology	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	28	Land	
52.040702 Microsoft Office	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	29	Land	
52.040701 Office Technology	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	15	Land	
52.040700 Administrative Office Specialist	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	60	Land	
52.040716 Information Processing Assistant	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	36	Land	
52.040705 Computer Applications	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	16	Land	
52.040703 Computer Proficiency	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	10	Land	
52.040701 Administrative Assistant/Software Support Specialist	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Land	
52.040702 Office Information Processing Specialist	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Land	
52.040705 Clerical Data Entry	Minnesota State College-Southeast Technical	5114 Winona-MS-Campus	ACTIVE	Certificate	21	Either	
52.040708 Applications Specialist	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Either	
52.040709 Desktop Support Specialist	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Either	
52.040705 Computer Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	18	Land	
52.040708 Microsoft Office Administrative Professional	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	17	Either	
52.040706 Microsoft Office Essentials	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either	
52.040702 Microsoft Office Fundamentals	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	12	Either	
52.040710 Microsoft Office Specialist	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	12	Either	
52.040709 Microsoft Office Technical Professional	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	17	Either	
52.040707 Word Processing Essentials	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(M)ale nontraditional
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
52.040701 Business Microcomputer Applications	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	16	Either	
52.040701 Business Microcomputer Applications Support	Northwest Technical College	5494 EACE - Northwest Technical College - Bemidji	ACTIVE	Diploma	32	Land	
52.040703 Office Technology Specialist	Pine Technical College	5162 Pine Technical College Campus	NEW	Certificate	17	Land	
52.040702 Microsoft Office Specialist	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	15	Land	
52.040705 Computer Applications	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	20	Land	
52.040706 Microsoft Office Specialist	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	25	Land	
52.040707 Microsoft Office Specialist Expert	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	25	Land	
52.040706 Office Specialist	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	34	Land	
52.040701 Computer Skills	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	10	Land	
52.040703 Software Applications Specialist	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	16	Either	
52.040704 Business Applications Specialist	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	25	Land	
52.040704 Business Information Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land	
52.040705 Business Information Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	30	Land	
52.040703 Business Software	South Central College	5183 Faribault Campus	ACTIVE	Certificate	16	Land	
52.040701 Office Systems Specialist	South Central College	5183 Faribault Campus	ACTIVE	AAS	60	Land	
52.040700 Office Technology Assistant	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	32	Land	
52.0408 GENERAL OFFICE OCCUPATIONS AND CLERICAL SERVICES. A program that prepares individuals to provide basic administrative support under the supervision of office managers, administrative assistants, secretaries, and other office personnel. Includes instruction in typing, keyboarding, filing, general business correspondence, office equipment operation, and communications skills.						M	Y
52.040801 Office Assistant	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	18	Land	
52.040801 Office Assistant	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land	
52.040811 Office Support	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	48	Land	
52.040801 Office Support	Hennepin Technical College	5038 Shakopee - MCF	ACTIVE	Certificate	14	Land	
52.040801 Office Assistant	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	29	Land	
52.040801 Office Assistant	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	24	Either	
52.040801 Office Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	32	Land	
52.040805 Office Assistant	Riverland Community College, A Technical & Community College	5197 Waseca - FCF	ACTIVE	Certificate	9	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
52.040802 Administrative Assistant - Legal	Rochester Community and Technical College	1030	Virtual - Rochester Community and Technical Colle	ACTIVE	Certificate	23	Online		
52.0411 CUSTOMER SERVICE SUPPORT/CALL CENTER/TELESERVICE OPERATION. A program that prepares individuals to assist customers with inquiries and problems in frontline call centers, help desks, teleservice centers, and online. Includes instruction in user interfaces and user behavior, principles of hardware and software systems operation, customer interaction skills, telephone and e-mailing skills, data entry, and database and Internet searching and retrieval.								M	Y
52.041101 Customer Service Specialist	Mesabi Range Community and Technical College	5536	Eveleth Campus	ACTIVE	Certificate	17	Land		
Pathway: Business Information Management									
52.1201 MANAGEMENT INFORMATION SYSTEMS, GENERAL. A program that generally prepares individuals to provide and manage data systems and related facilities for processing and retrieving internal business information; select systems and train personnel; and respond to external data requests. Includes instruction in cost and accounting information systems, management control systems, personnel information systems, data storage and security, business systems networking, report preparation, computer facilities and equipment operation and maintenance, operator supervision and training, and management information systems policy and planning.								B	N
52.120101 Management Information Systems	Bemidji State University	5006	Bemidji-BSU Campus	NEW	BS	120	Land		
52.120101 Management Information Systems	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	Minor	21	Land		
52.120101 Information Systems Management	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	71	Land		
52.120101 Information Systems Management	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	60	Land		
52.120101 Business Analyst	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	60	Land		
52.120102 Business and Technology	Lake Superior College	5047	Duluth Campus	ACTIVE	AS	60	Either		
52.120104 Healthcare Information Technology Management	Metropolitan State University	5054	Metropolitan State University, Minneapolis Campus	ACTIVE	GC	22	Either		
52.120101 Management Information Systems	Metropolitan State University	5054	Metropolitan State University, Minneapolis Campus	ACTIVE	BS	120	Land		
52.120101 Management Information Systems	Metropolitan State University	5054	Metropolitan State University, Minneapolis Campus	ACTIVE	MMIS	44	Either		
52.120103 Management Information Systems (MIS) Generalist	Metropolitan State University	5054	Metropolitan State University, Minneapolis Campus	ACTIVE	GC	20	Either		
52.120150 MIS Systems Analysis and Design	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	GC	20	Land		
52.120101 Management Information Systems	Minnesota State Community and Technical College	5490	Fergus Falls Campus	ACTIVE	AS	60	Land		
52.120104 Information Systems	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land		
52.120100 Computers/Information Management	Normandale Community College	5074	Bloomington Campus	ACTIVE	AAS	60	Land		
52.120101 Business Computer Systems and Management	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	AAS	60	Either		
52.120101 Business Computer Systems and Management	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Either		
52.120100 Bioinformatics Foundations	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	AS	60	Land		
52.120101 Management Information Systems	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AS	60	Land		
52.120101 Information Systems	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
52.120101 Management Information Systems	Winona State University	5169	Winona-WSU Campus	ACTIVE	BS	120	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
Pathway: General Management								
30.0000 MULTI-/INTERDISCIPLINARY STUDIES, GENERAL. A program that derives from two or more distinct programs and that is integrated around a unifying theme or topic that cannot be subsumed under a single discipline or occupational field. Examples: [Student-Designed Major]								N
30.000000 Business, Industry and Technology	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Land	
30.000003 English and Mass Communications	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BA	120	Land	
30.000000 Philosophy, Politics and Economics	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BA	120	Land	
30.000000 Philosophy, Politics and Economics	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land	
30.000005 Business Management - Computer	Minnesota West Community and Technical College	5072	Worthington Campus	ACTIVE	AS	60	Land	
30.000000 Applied Technology	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	AAS	64	Land	
31.0504 SPORT AND FITNESS ADMINISTRATION/MANAGEMENT. A program that prepares individuals to apply business, coaching and physical education principles to the organization, administration and management of athletic programs and teams, fitness/rehabilitation facilities and health clubs, sport recreation services, and related services. Includes instruction in program planning and development; business and financial management principles; sales, marketing and recruitment; event promotion, scheduling and management; facilities management; public relations; legal aspects of sports; and applicable health and safety standards.								B
31.050401 Sports Management	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BA	120	Land	N
31.050403 Ice Arena Management	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	21	Land	
31.050404 Sports/Athletic Maintenance	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	21	Land	
31.050400 Sport Management	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	48	Land	
31.050401 Sport Management	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land	
31.050401 Sport Management	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MA	34	Land	
31.050400 Sport Management	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	AAS	60	Land	
31.030202 Golf Course Management				ACTIVE	EMPH	12		
31.050402 Sports/Athletic Field Management				ACTIVE	EMPH	12		
31.050400 Sport Management	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Diploma	30	Land	
31.030202 Golf Course Management				ACTIVE	EMPH	11		
31.050402 Sports/Athletic Field Management				ACTIVE	EMPH	11		
31.050401 Sports Management	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	32	Land	
31.050401 Sports Management	Vermilion Community College	5053	Ely Campus	ACTIVE	AS	60	Land	
31.050400 Sports Management	Winona State University	1037	Virtual - Winona State University	ACTIVE	GC	18	Online	
50.1003 MUSIC MANAGEMENT. A program that prepares individuals to organize and manage music organizations, operations, facilities, and personnel. Includes instruction in business and financial management; marketing and fundraising; personnel management and labor relations; event promotion and management; music products merchandising; artist agency and promotion; music law; and applications to specific activities such as managing theaters, recording studios and companies, bands and other ensembles, individual artists, and music organizations. Examples: [Music Merchandising]								N
50.100300 Music Industry	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	B.Mus	120	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
50.100301 Music Industry	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
50.100300 Music Industry	Minnesota State University, Mankato	5050 Mankato Campus	NEW	Certificate	24	Land	
50.100300 Music Industry	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AFA	60	Land	
50.100300 Music Management	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land	
50.100300 Music: Business	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land	
52.0101 BUSINESS/COMMERCE, GENERAL. A program that focuses on the general study of business, including the processes of interchanging goods and services (buying, selling and producing), business organization, and accounting as used in profit-making and nonprofit public and private institutions and agencies. The programs may prepare individuals to apply business principles and techniques in various occupational settings.						F	Y
52.010101 Business	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Either	
52.010103 Business Generalist	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	16	Either	
52.010101 Contemporary Business	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	60	Either	
52.010103 Contemporary Business Practice	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AAS	60	Land	
52.020402 Supervision			ACTIVE	EMPH	12		
52.021101 Project Management			ACTIVE	EMPH	11		
52.070300 Small Business Development			ACTIVE	EMPH	13		
52.100100 Human Resource Management			ACTIVE	EMPH	12		
52.140100 Marketing and Sales			ACTIVE	EMPH	12		
52.010101 Business	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	AS	60	Land	
52.010101 General Business	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	Diploma	31	Land	
52.010101 Business	Minnesota State Community and Technical College	5490 Fergus Falls Campus	NEW	AS	60	Land	
52.010101 Business Principles	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either	
52.010101 General Business	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	16	Either	
52.010101 Business	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	AS	60	Either	
52.010101 Business	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	NEW	Certificate	22	Either	
52.010100 Business Analysis	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	Certificate	9	Land	
52.010101 Business	Vermilion Community College	5053 Ely Campus	ACTIVE	AS	60	Land	
52.010101 General Business	Vermilion Community College	5053 Ely Campus	ACTIVE	Diploma	33	Land	
52.0201 BUSINESS ADMINISTRATION AND MANAGEMENT, GENERAL. A program that generally prepares individuals to plan, organize, direct, and control the functions and processes of a firm or organization. Includes instruction in management theory, human resources management and behavior, accounting and other quantitative methods, purchasing and logistics, organization and production, marketing, and business decision-making. Examples: [General Management], [Business Administration]						F	N
52.020102 Business Administration	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AS	60	Either	
52.020102 Business Management	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
52.020103 Business Management	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	19	Land
52.020102 Business Management	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	34	Land
52.020100 Business	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AAS	60	Land
52.040700 Office Technology			ACTIVE	EMPH	23	
52.140100 Management/Marketing			ACTIVE	EMPH	23	
52.020100 Business Administration	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Either
52.020115 Generalist			ACTIVE	EMPH	30	
52.020116 Management			ACTIVE	EMPH	24	
52.070115 Entrepreneurship/Small Business Management			ACTIVE	EMPH	21	
52.080115 Finance			ACTIVE	EMPH	27	
52.110100 International Business			ACTIVE	EMPH	30	
52.140115 Marketing			ACTIVE	EMPH	24	
52.020101 Business Management	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	60	Land
52.020101 Business Administration	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AS	60	Land
52.020104 Business Management	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land
52.020101 Business Management	Dakota County Technical College	5029 Apple Valley Higher Education site	ACTIVE	AS	60	Either
52.020102 Management for Technical Professionals	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	AAS	64	Land
52.020101 Business Management	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	17	Land
52.020101 Management	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	NEW	AAS	60	Land
52.020101 Management	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	22	Land
52.020101 Business Administration	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AS	60	Either
52.020102 Business Administration	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	AS	60	Land
52.020102 Business Administration	Lake Superior College	5047 Duluth Campus	ACTIVE	AS	60	Either
52.020112 Business Administration	Metropolitan State University	5054 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	BS	120	Either
52.020101 Business Administration	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	NEW	DBA	72	Land
52.020100 Business Administration	Metropolitan State University	5054 Bloomington	ACTIVE	MBA	42	Either
52.021100 Project Management			ACTIVE	EMPH	12	
52.080100 Finance			ACTIVE	EMPH	12	
52.120100 Management Information Systems (MIS)			ACTIVE	EMPH	12	
52.140100 Marketing			ACTIVE	EMPH	12	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
52.020112 Management	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Either
52.020104 Business Management	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Either
52.020104 Business Management	Minnesota State Community and Technical College	5490 Fergus Falls Campus	ACTIVE	AS	60	Land
52.020100 Business Administration	Minnesota State University Moorhead	5073 Fergus Falls Campus	ACTIVE	BS	120	Land
52.020103 Management			ACTIVE	EMPH	15	
52.110100 International Business			ACTIVE	EMPH	15	
52.140100 Marketing			ACTIVE	EMPH	15	
52.020101 Business Administration	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	MBA	34	Land
52.020101 Business Administration	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	31	Land
52.020103 Management	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
52.020112 General Management			ACTIVE	EMPH	21	
52.100113 Human Resource Management			ACTIVE	EMPH	21	
52.020104 Business Management	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AAS	64	Land
52.020105 Business Management	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AS	60	Either
52.020104 Management	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Land
52.020101 Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	18	Either
52.020104 Business Administration	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Either
52.020104 General Management	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either
52.020104 Management	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AAS	60	Either
52.020101 Business	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	AS	60	Either
52.020102 Management	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	18	Either
52.020101 Business Administration	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	AS	60	Land
52.020101 Business Administration	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land
52.020104 Business Administration	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	21	Land
52.020103 Business Management	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	60	Land
52.140100 Marketing			ACTIVE	EMPH	16	
52.020105 Business Management	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	13	Land
52.020100 Business	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	16	Land
52.020100 Business Administration	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
52.020101 Business Management	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AS	60	Land	
52.020101 Business Management	South Central College	5183	Faribault Campus	ACTIVE	AAS	64	Land	
52.020102 Business Administration	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	AS	60	Land	
52.020104 Business Administration	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BS	120	Land	
52.020100 Business Administration	Southwest Minnesota State University	5161	Faribault Campus	ACTIVE	MBA	36	Land	
52.020103 General				ACTIVE	EMPH	12		
52.021303 Leadership				ACTIVE	EMPH	12		
52.140100 Marketing				ACTIVE	EMPH	12		
52.020100 Management	Southwest Minnesota State University	5161	Albert Lea Campus	ACTIVE	BAS	120	Land	
52.020100 Management	Southwest Minnesota State University	5161	Albert Lea Campus	ACTIVE	BS	120	Land	
52.020111 General Management				ACTIVE	EMPH	12		
52.100100 Human Resource Management				ACTIVE	EMPH	12		
52.110100 International Management				ACTIVE	EMPH	12		
52.020101 Management	Southwest Minnesota State University	5161	Esterville, Iowa	ACTIVE	MS	36	Land	
52.020100 Business Administration	St. Cloud State University	2033	6401 Sycamore Ct N., Maple Grove	ACTIVE	MBA	36	Land	
45.060114 Economics				ACTIVE	EMPH	36		
52.100114 Human Resources				ACTIVE	EMPH	36		
52.120114 Information Systems				ACTIVE	EMPH	9		
52.120115 Information Systems				ACTIVE	EMPH	9		
52.020103 Management	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
52.020553 Operations Management				ACTIVE	EMPH	12		
52.100153 Human Resource				ACTIVE	EMPH	12		
52.020101 Business Management	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AS	60	Land	
52.020101 Business Administration	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	BS	120	Land	
52.0204 OFFICE MANAGEMENT AND SUPERVISION. A program that prepares individuals to supervise and manage the operations and personnel of business offices and management-level divisions. Includes instruction in employee supervision, management, and labor relations; budgeting; scheduling and coordination; office systems operation and maintenance; office records management, organization, and security; office facilities design and space management; preparation and evaluation of business management data; and public relations.							B	Y
52.020401 Administrative Office Management	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AAS	66	Land	
52.020400 Supervisory Leadership	Anoka Technical College	5003	Anoka Campus	ACTIVE	Certificate	14	Land	
52.020400 Supervisory Management	Anoka Technical College	5003	Anoka Campus	ACTIVE	AAS	64	Land	
52.020401 Supervision Essentials	Century College, A Community and Technical College	2006	EACE - Century College, A Community and Technic	ACTIVE	Certificate	10	Land	
52.020400 Supervisory Management	Century College, A Community and Technical College	2006	EACE - Century College, A Community and Technic	ACTIVE	AAS	64	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode
52.020400 Supervisory Management	Century College, A Community and Technical College	2006	EACE - Century College, A Community and Technic	ACTIVE	Diploma	32	Land
52.020400 Supervisory Leadership	Dakota County Technical College	5029	Apple Valley Higher Education site	ACTIVE	Certificate	17	Land
52.020400 Supervisory Management	Dakota County Technical College	5029	Apple Valley Higher Education site	ACTIVE	AAS	64	Either
52.020401 Management Development	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	Certificate	11	Land
52.020402 Supervision	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	12	Land
52.020401 Supervisory Management	Lake Superior College	5047	Duluth Campus	ACTIVE	AAS	64	Land
52.020400 Supervisory Management	Mesabi Range Community and Technical College	5537	Virginia Campus	ACTIVE	Certificate	18	Land
52.020402 Basic Supervision	Minnesota State College-Southeast Technical	5113	Red Wing Campus	ACTIVE	Certificate	30	Land
52.020400 Supervisory Management	Minnesota State College-Southeast Technical	5113	Red Wing Campus	ACTIVE	AAS	63	Land
52.020400 Supervisory Leadership	Minnesota State Community and Technical College	5486	EACE - MN State Community & Technical College	ACTIVE	AAS	60	Land
52.020401 Supervisory Leadership	Minnesota State Community and Technical College	5486	EACE - MN State Community & Technical College	ACTIVE	Certificate	30	Land
52.020402 Supervisory Leadership Essentials	Minnesota State Community and Technical College	5486	EACE - MN State Community & Technical College	ACTIVE	Certificate	18	Land
52.020400 Supervisory Leadership in Management	Minnesota West Community and Technical College	1021	Virtual - Minnesota West Community and Technical C	ACTIVE	Certificate	23	Online
52.020400 Supervisory Leadership	Northland Community and Technical College	5524	Roseau City Center	ACTIVE	Certificate	18	Land
52.020400 Supervisory Leadership	Northwest Technical College	5494	EACE - Northwest Technical College - Bemidji	ACTIVE	AAS	63	Land
52.020401 Supervisory Leadership	Northwest Technical College	5494	EACE - Northwest Technical College - Bemidji	ACTIVE	Certificate	30	Land
52.020400 Supervisory Leadership	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Diploma	31	Either
52.020401 Supervisory Leadership Essentials	Northwest Technical College	1040	EACE - Northwest Technical College - Bemidji	ACTIVE	Certificate	27	Online
52.020400 Supervisory Management	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	AAS	60	Either
52.020400 Supervisory Leadership	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Certificate	15	Land
52.020400 Supervisory Management	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	AAS	60	Land
52.020401 Basic Supervision	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	Certificate	21	Land
52.020400 Supervisory Management	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	AAS	64	Either
52.020401 Supervisory Management	Riverland Community College, A Technical & Community College	2029	Albert Lea Campus	ACTIVE	Certificate	10	Land
52.020403 Supervisory Leadership	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	12	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
52.020403 Supervisory Management	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	AAS	64	Land		
52.020402 Supervision	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	17	Land		
52.020401 Administrative Office Management	South Central College	5183	Faribault Campus	NEW	AS	60	Either		
52.020400 Supervisory Leadership	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Certificate	15	Land		
52.020400 Supervisory Management	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	64	Land		
52.0207 CUSTOMER SERVICE MANAGEMENT. A program that prepares individuals to supervise and monitor customer service performance and manage frontline customer support services, call centers/help desks, and customer relations. Includes instruction in customer behavior, specialized information technology and systems management, developing and using customer service databases, user surveys and other feedback mechanisms, strategic and performance planning and analysis, operations management, personnel supervision, and communications and marketing skills.								B	Y
52.020701 Quality Customer Service	Alexandria Technical and Community College	2001	EACE - Alexandria Technical College	ACTIVE	Certificate	19	Land		
52.020701 Customer Service	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	18	Either		
52.020701 Service Support Specialist	Mesabi Range Community and Technical College	5536	Eveleth Campus	ACTIVE	Diploma	35	Land		
52.020701 Customer Service	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	Certificate	16	Land		
52.020701 Customer Service Administrative Specialist	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Diploma	33	Either		
52.020701 Customer Service Office Assistant	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	16	Either		
52.0211 PROJECT MANAGEMENT. A program that prepares individuals to apply quantitative and qualitative knowledge, skills, tools, and techniques to manage projects in a wide range of fields and occupations. Includes instruction in project planning, risk management, cost and time management, contracts and procurement, accounting, statistics, decision making, and human resources.									N
52.021102 Project Management	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	11	Either		
52.021100 Project Management	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	GC	12	Land		
52.021112 Project Management Business and Information Systems	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	16	Land		
52.0212 RETAIL MANAGEMENT. A program that prepares individuals to manage the operations of a wide variety of retail businesses, including department stores; independent and chain stores; fashion, food and beverage, and pharmaceutical establishments; and online retail businesses. Includes instruction in retail management, merchandise management, customer service management, marketing, organizational behavior, accounting, finance, business law, and personnel management.									Y
52.021200 Retail Management	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	19	Land		
52.021200 Retail Management	Minnesota State College-Southeast Technical	5114	Winona-MSU-ST Campus	ACTIVE	AAS	65	Land		
52.0213 ORGANIZATIONAL LEADERSHIP. A program that focuses on leadership skills that can be applied to a business, government, non-profit, or educational setting. Includes instruction in organizational planning, dynamics of leadership, finance, team building, conflict resolution and mediation, communication and other management skills. Examples: [Leadership Studies]									N
52.021301 Leadership Essentials	Century College, A Community and Technical College	2006	EACE - Century College, A Community and Technic	ACTIVE	Certificate	10	Land		
52.021300 Leadership	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	16	Land		
52.021300 Leadership Studies	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	Minor	14	Land		
52.021304 Leadership Essentials	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
52.021302 Leadership	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	27	Land		
52.0601 BUSINESS/MANAGERIAL ECONOMICS. A program that focuses on the application of economics principles to the analysis of the organization and operation of business enterprises. Includes instruction in monetary theory, banking and financial systems, theory of competition, pricing theory, wage and salary/incentive theory, analysis of markets, and applications of econometrics and quantitative methods to the study of particular businesses and business problems.								B	N
52.060100 Applied Economics	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	42	Land		
45.060111 5-Year BA/MS				ACTIVE	EMPH	30			
52.060102 Business Economics	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
52.0701 ENTREPRENEURSHIP/ENTREPRENEURIAL STUDIES. A program that generally prepares individuals to perform development, marketing and management functions associated with owning and operating a business.								F	N
52.070106 Entrepreneurship	Central Lakes College	5007	Brainerd Campus	ACTIVE	Certificate	16	Land		
52.070112 Entrepreneurial	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	16	Land		
52.070102 Business Entrepreneur	Dakota County Technical College	5482	Apple Valley Higher Education site	ACTIVE	Certificate	18	Land		
52.070103 Small Business Operations	Dakota County Technical College	5482	Apple Valley Higher Education site	ACTIVE	Certificate	18	Land		
52.070101 Small Business/Entrepreneurship	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	Certificate	15	Land		
52.070101 Entrepreneurship	Hibbing Community College, A Technical and Community College	5040	Hibbing Campus	ACTIVE	Certificate	17	Land		
52.070100 Entrepreneurship	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Certificate	19	Either		
52.070101 Business Entrepreneurship	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	AAS	62	Either		
52.070112 Business Management/Ownership	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	Diploma	32	Land		
52.070101 Entrepreneurship	Minnesota State Community and Technical College	5486	Detroit Lakes Campus	ACTIVE	Certificate	16	Either		
52.070101 Entrepreneurship	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	AAS	60	Either		
52.070101 Entrepreneurship	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	Certificate	14	Either		
52.070101 Entrepreneurship	Northland Community and Technical College	5509	EACE - Northland Community and Technical Colleg	ACTIVE	Certificate	16	Land		
52.070104 Small Business Entrepreneurship	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	17	Either		
52.070101 Entrepreneurship	Pine Technical College	5162	Pine Technical College Campus	NEW	Certificate	25	Land		
52.070101 Entrepreneurship	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	NEW	Certificate	18	Either		
52.070100 Entrepreneurship	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	60	Land		
52.070101 Entrepreneurship	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	16	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
52.070102 Music Business	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land	
52.070101 Entrepreneurship	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
52.070101 Entrepreneurship	Vermilion Community College	5053 Ely Campus	ACTIVE	Certificate	12	Land	
52.0703 SMALL BUSINESS ADMINISTRATION/MANAGEMENT. A program that prepares individuals to develop and manage independent small businesses. Includes instruction in business administration; enterprise planning and entrepreneurship; start-up; small business operations and problems; personnel supervision; capitalization and investment; taxation; business law and regulations; e-commerce; home business operations; and applications to specific sectors, products, and services.						B	Y
52.070308 Advanced Small Business Management	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	25	Land	
52.070305 Small Business Management	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	39	Land	
52.070301 Small Business Development	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	15	Either	
52.070301 Small Business Management	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	38	Land	
52.070301 Small Business Management	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	39	Land	
52.070331 Small Business Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	18	Either	
52.070301 Small Business Management	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	39	Land	
52.070301 Small Business Management	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Diploma	39	Land	
52.070308 SBM Financial Management	South Central College	5183 Faribault Campus	ACTIVE	Certificate	14	Land	
52.070306 SBM Human Resources	South Central College	5183 Faribault Campus	ACTIVE	Certificate	12	Land	
52.070307 SBM Marketing	South Central College	5183 Faribault Campus	ACTIVE	Certificate	14	Land	
52.070309 SBM Record Keeping	South Central College	6000 Owatonna Campus	ACTIVE	Certificate	18	Land	
52.070309 Small Business Management	South Central College	5183 Faribault Campus	ACTIVE	Certificate	21	Land	
52.070301 Small Business Management	South Central College	5183 Faribault Campus	ACTIVE	Diploma	39	Land	
52.0908 CASINO MANAGEMENT. A program that prepares individuals to manage casinos and gaming establishments. Includes instruction in casino operations, casino security and surveillance, principles of the gaming industry, ethics, and gaming law. Examples: [Casino Management], [Gaming and Casino Management], [Hospitality and Casino Management]							Y
52.090800 Casino Operations and Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	20	Land	
52.1101 INTERNATIONAL BUSINESS/TRADE/COMMERCE. A program that prepares individuals to manage international businesses and/or business operations. Includes instruction in the principles and processes of export sales, trade controls, foreign operations and related problems, monetary issues, international business policy, and applications to doing business in specific countries and markets. Examples: [Global Business], [Global Commerce], [Global Management]						F	N
52.110101 International Business	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land	
52.110101 International Commerce	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BAS	120	Land	
52.110101 International Business	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
52.110101 International Business	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	19	Land	
52.110101 International Business	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
Pathway: Human Resources Management									
52.1001 HUMAN RESOURCES MANAGEMENT/PERSONNEL ADMINISTRATION, GENERAL. A program that generally prepares individuals to manage the development of human capital in organizations, and to provide related services to individuals and groups. Includes instruction in personnel and organization policy, human resource dynamics and flows, labor relations, sex roles, civil rights, human resources law and regulations, motivation and compensation systems, work systems, career management, employee testing and assessment, recruitment and selection, managing employee and job training programs, and the management of human resources programs and operations.								B	N
52.100101 Human Resources Associate	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	NEW	AS	60	Land		
52.100101 Multi-Cultural Human Resource Management	Dakota County Technical College	5482	Apple Valley Higher Education site	ACTIVE	Diploma	33	Land		
52.100100 Multi-Cultural Leadership	Dakota County Technical College	5482	Apple Valley Higher Education site	ACTIVE	Diploma	33	Land		
52.100100 Multi-Cultural Supervision	Dakota County Technical College	5482	Apple Valley Higher Education site	ACTIVE	Certificate	14	Land		
52.100101 Human Resource Management	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	12	Either		
52.100101 Human Resource Management	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Either		
52.100101 Human Resources	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	AAS	60	Either		
52.100101 Human Resources	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	AS	60	Either		
52.100101 Human Resource Management	Normandale Community College	5074	Bloomington Campus	ACTIVE	Certificate	18	Either		
52.100112 Human Resource Specialist	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	29	Land		
52.100101 Human Resources	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	60	Land		
52.100105 Human Resources Professional	Saint Paul College - A Community and Technical College	1035	Virtual - Saint Paul College	ACTIVE	Certificate	18	Online		
52.100101 Human Resources Management	Winona State University	5169	Winona-WSU Campus	ACTIVE	BS	120	Land		
52.1003 ORGANIZATIONAL BEHAVIOR STUDIES. A program that focuses on the scientific study of the behavior and motivations of individuals functioning in organized groups, and its application to business and industrial settings. Includes instruction in organization theory, industrial and organizational psychology, social psychology, sociology of organizations, reinforcement and incentive theory, employee relations strategies, organizational power and influence, organization stratification and hierarchy, leadership styles, and applications of operations research and other methodologies to organizational analysis.								B	N
52.100300 Applied Organizational Studies	Minnesota State University, Mankato	5621	7700 France Ave. South, Edina	NEW	BS	120	Land		
52.1005 HUMAN RESOURCES DEVELOPMENT. A program that prepares individuals to apply integrated training, organizational development, and career planning and counseling skills to the design, management, and evaluation of programs to improve individual productivity, employability, and job satisfaction and organizational effectiveness. Includes instruction in psychology; organizational behavior; principles of adult education; occupational counseling; skill testing and evaluation; program design; consulting practice; organizational development; and applications to issues such as training, management development, customer service, and total quality management.								B	N
52.100551 Human Resource Development	Anoka Technical College	5003	Anoka Campus	ACTIVE	Certificate	15	Land		
52.100552 Quality Supervision	Anoka Technical College	5003	Anoka Campus	ACTIVE	Certificate	16	Land		
52.100504 Performance Management Essentials	Century College, A Community and Technical College	2006	EACE - Century College, A Community and Technic	ACTIVE	Certificate	10	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
52.100503 Quality Improvement Essentials	Century College, A Community and Technical College	2006	EACE - Century College, A Community and Technic	ACTIVE	Certificate	10	Land	
52.100505 Working Effectiveness Essentials	Century College, A Community and Technical College	2006	EACE - Century College, A Community and Technic	ACTIVE	Certificate	10	Land	
52.100551 Human Resource Development	Dakota County Technical College	5029	Apple Valley Higher Education site	ACTIVE	Certificate	17	Land	
52.100517 Training and Adult Development Psychology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	NEW	Minor	20	Land	
52.100502 Human Resource Development	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Certificate	11	Land	
52.100551 Human Resource Development	Riverland Community College, A Technical & Community College	2029	Albert Lea Campus	ACTIVE	Certificate	10	Land	
52.100552 Quality	Riverland Community College, A Technical & Community College	2029	EACE - Riverland Community College	ACTIVE	Certificate	10	Land	
52.100551 Human Resource Development	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	12	Land	
52.100551 Organizational Development	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Certificate	14	Land	

Pathway: Operations Management

52.0203 LOGISTICS, MATERIALS, AND SUPPLY CHAIN MANAGEMENT. A program that prepares individuals to manage and coordinate all logistical functions in an enterprise, ranging from acquisitions to receiving and handling, through internal allocation of resources to operations units, to the handling and delivery of output. Includes instruction in acquisitions and purchasing, inventory control, storage and handling, just-in-time manufacturing, logistics planning, shipping and delivery management, transportation, quality control, resource estimation and allocation, and budgeting. Examples: [Logistics Management], [Materials Management], [Acquisition Logistics], [Supply Management]

F Y

52.020301 Production and Inventory Management	Northland Community and Technical College	5509	EACE - Northland Community and Technical Colleg	ACTIVE	Certificate	17	Land	
52.020301 Supply Chain Logistics	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	60	Land	
52.020301 Supply Chain Logistics	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	19	Land	

52.0205 OPERATIONS MANAGEMENT AND SUPERVISION. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning. Examples: [Maintenance Management], [Production Management]

F N

52.020501 Manufacturing Reliability Technician	Alexandria Technical and Community College	2001	EACE - Alexandria Technical College	ACTIVE	AAS	64	Land	
52.020501 Manufacturing Reliability Technician	Alexandria Technical and Community College	2001	EACE - Alexandria Technical College	ACTIVE	Certificate	11	Land	
52.020501 Manufacturing Reliability Technician	Alexandria Technical and Community College	2001	EACE - Alexandria Technical College	ACTIVE	Diploma	30	Land	
52.020501 Industrial Management	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BAS	120	Either	
52.020501 Operations Management	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BS	120	Either	
52.020501 Lean Manufacturing/Continuous Improvement	Northland Community and Technical College	5509	EACE - Northland Community and Technical Colleg	ACTIVE	Certificate	17	Land	
52.020501 Manufacturing Management	Winona State University	5169	Winona-WSU Campus	ACTIVE	Certificate	15	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
52.0907 MEETING AND EVENT PLANNING. A program that prepares individuals to plan, budget, and implement conferences, meetings, and other special events in the public or private sectors. Includes instruction in principles of meeting and event planning; special event management; budgets and finance; site selection; contracts, vendors, and negotiations; marketing and promotions; food and beverage management; audio-visual basics and meeting technology; and hospitality law. Examples: [Conference Management], [Conference Planning], [Wedding Planning]								Y
52.090703 Marketing Event Specialist	Dakota County Technical College	5482	Apple Valley Higher Education site	NEW	Certificate	28	Either	
52.090700 Meeting and Event Management	Dakota County Technical College	5482	Apple Valley Higher Education site	ACTIVE	AAS	60	Land	
52.090700 Meeting and Event Management	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	16	Either	

Cluster: Finance

Pathway: Accounting

52.0301 ACCOUNTING. A program that prepares individuals to practice the profession of accounting and to perform related business functions. Includes instruction in accounting principles and theory, financial accounting, managerial accounting, cost accounting, budget control, tax accounting, legal aspects of accounting, auditing, reporting procedures, statement analysis, planning and consulting, business information systems, accounting research methods, professional standards and ethics, and applications to specific for-profit, public, and non-profit organizations.								B	N
52.030101 Accounting	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AAS	72	Land		
52.030101 Accounting	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AS	60	Land		
52.030101 Accounting	Anoka Technical College	5003	Anoka Campus	ACTIVE	AAS	67	Land		
52.030101 Accounting	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Either		
52.030100 Accounting	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Either		
52.040711 Accounting Information Systems				ACTIVE	EMPH	12			
52.030101 Fraud Examination	Bemidji State University	5006	Bemidji-BSU Campus	NEW	Minor	23	Land		
52.030101 Accountant	Central Lakes College	5007	Brainerd Campus	ACTIVE	AAS	60	Land		
52.030101 Accountant	Central Lakes College	5007	Brainerd Campus	ACTIVE	Diploma	32	Land		
52.030101 Accountant	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Diploma	45	Land		
52.030101 Accounting	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	AAS	64	Land		
52.030101 Accountant	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	72	Land		
52.030101 Accountant	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	64	Land		
52.030101 Accounting	Dakota County Technical College	5029	Apple Valley Higher Education site	ACTIVE	AS	60	Land		
52.030103 Accounting	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	61	Land		
52.030101 Accounting	Hennepin Technical College	5036	Eden Prairie Campus	NEW	AS	60	Land		
52.030101 Accounting	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	AS	60	Land		
52.030101 Accounting	Itasca Community College	5046	Grand Rapids Campus	ACTIVE	AS	60	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
52.030101 Accountant	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	62	Either
52.030101 Accounting	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land
52.030101 Accounting	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	AAS	72	Either
52.030101 Accounting	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	64	Either
52.030101 Accounting	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	72	Land
52.030101 Accounting	Minnesota State Community and Technical College	5490 Fergus Falls Campus	ACTIVE	AS	60	Either
52.030101 Accounting	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Diploma	64	Land
52.030101 Accounting	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land
52.030101 Accounting	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
52.030100 Accounting	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	PRENEW	MS	30	Land
52.030101 Accountant	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AAS	71	Land
52.030101 Accountant	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	64	Land
52.030101 Accounting	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Land
52.030101 Accounting	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Either
52.030103 General Accounting	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	29	Either
52.030101 Accountant	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	AAS	60	Land
52.030101 Accountant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	72	Land
52.030101 Accountant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	66	Land
52.030101 Accounting	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	AAS	69	Land
52.030101 Accounting	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	64	Land
52.030101 Accountant	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	60	Land
52.030101 Accounting	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land
52.030101 Accounting	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	64	Land
52.030101 Accountant	South Central College	5183 Faribault Campus	ACTIVE	AAS	72	Land
52.030101 Accounting	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	AS	60	Land
52.030101 Accounting	Southwest Minnesota State University	5161 Albert Lea Campus	ACTIVE	BS	120	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
52.030101 Accounting	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	Certificate	22	Land		
52.030101 Accounting	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
52.030101 Accounting	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	72	Land		
52.030101 Accounting	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	64	Land		
52.030101 Accounting	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	BS	120	Land		
52.0302 ACCOUNTING TECHNOLOGY/TECHNICIAN AND BOOKKEEPING. A program that prepares individuals to provide technical administrative support to professional accountants and other financial management personnel. Includes instruction in posting transactions to accounts, record-keeping systems, accounting software operation, and general accounting principles and practices.								M	Y
52.030201 Accounting Clerk	Anoka Technical College	5003	Anoka Campus	ACTIVE	Diploma	33	Land		
52.030201 Accounting Practitioner	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AAS	60	Land		
52.030207 Small Business Accounting	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	18	Land		
52.030205 Bookkeeping	Central Lakes College	5007	Brainerd Campus	ACTIVE	Certificate	20	Land		
52.030202 Accounting Clerk	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	9	Land		
52.030203 Accounting Technician	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	30	Land		
52.030201 Accounting Clerk	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	32	Land		
52.030215 Accounting Technician	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	31	Land		
52.030203 Bookkeeper	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	30	Either		
52.030202 Small Business Accounting	Mesabi Range Community and Technical College	5536	Eveleth Campus	ACTIVE	Certificate	12	Land		
52.030218 Accounting Clerk	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Certificate	29	Land		
52.030201 Accounting Technician	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AAS	60	Land		
52.030216 Accounts Payable/Receivable	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Certificate	16	Land		
52.030217 Payroll Accounting	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Certificate	14	Land		
52.030203 Accounting and Networking Specialist	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	AAS	72	Land		
52.030203 Accounting Clerk	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Diploma	32	Either		
52.030202 Bookkeeping Clerk	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Certificate	21	Either		
52.030201 Accounting Clerk	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	Diploma	33	Land		
52.030201 Accounting Clerk	Minnesota West Community and Technical College	5058	Canby Campus	ACTIVE	Diploma	32	Land		
52.030203 Accounting Essentials	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	Certificate	11	Either		
52.030201 Accounting Technology	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	AAS	60	Either		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
52.030204 Small Business Accounting	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either
52.030200 Accounting Clerk	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Diploma	33	Land
52.040712 Microcomputer Applications			ACTIVE	EMPH	48	
52.030200 Associate Accounting	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	72	Land
52.030201 Accounting Clerk	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	32	Either
52.030200 Associate Accounting	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	63	Either
52.030202 Accounting	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	Certificate	30	Land
52.030202 Accounting Clerk	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	32	Land
52.030203 Accounting Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	45	Land
52.030203 Accounting Clerk	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	32	Either
52.030212 Accounting Clerk	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	30	Land
52.030212 Accounting Technician	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	39	Land
52.030212 Accounting Assistant	South Central College	5183 Faribault Campus	ACTIVE	Diploma	34	Land
52.030212 Accounting Technician	South Central College	5183 Faribault Campus	ACTIVE	AAS	71	Land
52.030213 Accounting Technician	South Central College	5183 Faribault Campus	ACTIVE	Diploma	48	Land
52.030206 Payroll Clerk	South Central College	5183 Faribault Campus	ACTIVE	Certificate	22	Land
52.030200 SBM Record Keeping	South Central College	5183 Faribault Campus	ACTIVE	Certificate	18	Land
52.030202 Accounting Clerk	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	35	Land

Pathway: Banking Services

52.0803 BANKING AND FINANCIAL SUPPORT SERVICES. A program that prepares individuals to perform a wide variety of customer services in banks, insurance agencies, savings and loan companies, and related enterprises. Includes instruction in communications and public relations skills, business equipment operation, and technical skills applicable to the methods and operations of specific financial or insurance services.

52.080301 Finance/Banking	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	14	Land
52.080301 Banking and Finance	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	21	Either

Pathway: Insurance

52.1701 INSURANCE. A program that prepares individuals to manage risk in organizational settings and provide insurance and risk-aversion services to businesses, individuals, and other organizations. Includes instruction in casualty insurance and general liability, property insurance, employee benefits, social and health insurance, loss adjustment, underwriting, risk theory, and pension planning.

52.170101 Insurance	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	15	Land
52.170101 Insurance Claim Representative	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	32	Land
52.170106 Insurance	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Certificate	15	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
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Pathway: Securities and Investments

52.0801 FINANCE, GENERAL. A program that generally prepares individuals to plan, manage, and analyze the financial and monetary aspects and performance of business enterprises, banking institutions, or other organizations. Includes instruction in principles of accounting, financial instruments, capital planning, funds acquisition, asset and debt management, budgeting, financial analysis, and investments and portfolio management. B N

52.080101 Business/Financial Services	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AS	60	Land
52.080101 Finance	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Either
52.080101 Finance	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land
52.080100 Finance	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
52.080115 Institutional Finance			ACTIVE	EMPH	15	
52.080415 Financial Planning			ACTIVE	EMPH	15	
52.080716 Investment Analysis			ACTIVE	EMPH	15	
52.080717 Corporate Finance			ACTIVE	EMPH	15	
52.150115 General Finance			ACTIVE	EMPH	15	
52.080101 Finance and Investments	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	14	Either
52.080101 Finance Management	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AAS	60	Either
52.080100 Finance	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land
52.080101 Corporate Finance			ACTIVE	EMPH	12	
52.080400 Financial Planning and Investment			ACTIVE	EMPH	12	
52.080101 Finance	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land
52.080101 Finance	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land
52.0809 CREDIT MANAGEMENT. A program that prepares individuals to perform and/or manage operations concerning personal and corporate credit, collateral, loan processing, and related financial agency communications. Includes instruction in general finance and banking principles, insurance, real estate, taxation, business law and regulations, quantitative methods, financial computer systems applications, database management, communications skills, business and office management, and professional standards and ethics. Examples: [Mortgage Broker] B Y						
52.080900 Finance and Credit Management	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land
52.080900 Finance and Credit Management	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	72	Land
52.080900 Finance and Credit	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	60	Land
52.080900 Finance and Credit	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	53	Land

Cluster: Hospitality and Tourism

Pathway: Lodging

52.0904 HOTEL/MOTEL ADMINISTRATION/MANAGEMENT. A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations. B Y

52.090403 Hotel Marketing and Sales	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	20	Land
52.090402 Hotel Operations	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	20	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
52.0909 HOTEL, MOTEL, AND RESTAURANT MANAGEMENT. An instructional program that prepares individuals to manage operations and facilities that provide food and/or lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage, and control; hotel and restaurant facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; facilities management; marketing and sale promotion strategies; convention and event management; front desk operations; and applications to specific types of hotel, motel, and/or restaurant operations. Note: this program was re-instated after being deleted from CIP 2000; previously, it was coded as 52.0902.								Y
52.090903 Hotel-Restaurant Management	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land		
52.090903 Hotel-Restaurant Management	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	72	Land		
Pathway: Recreation, Amusements and Attractions								
52.0906 RESORT MANAGEMENT. A program that prepares individuals to plan, manage, and market comprehensive vacation facilities and services and related products. Includes instruction in hospitality administration, hotel/motel management, restaurant and food services management, facilities planning, leisure studies, recreation administration, marketing, recreation equipment and grounds operations and maintenance, business finance, insurance and taxation, event management and guest services, personnel management, travel and logistics management, safety and health services, professional standards and ethics, and applications to specific vacation types and locations. Examples: [Spa Management]							B	Y
52.090601 Spa and Resort Management	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	AAS	60	Land		
52.090601 Spa and Resort Operations	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	Certificate	27	Land		
Pathway: Restaurants and Food/Beverage Services								
12.0501 BAKING AND PASTRY ARTS/BAKER/PASTRY CHEF. A program that prepares individuals to serve as professional bakers and pastry specialists in restaurants or other commercial baking establishments. Includes instruction in bread and pastry making, bread and pastry handling and storage, cake and pastry decorating, baking industry operations, product packaging and marketing operations, and counter display and service.							B	Y
12.050101 Baking	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	16	Land		
12.050101 Baking and Decorating	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	9	Land		
12.0503 CULINARY ARTS/CHEF TRAINING. A program that prepares individuals to provide professional chef and related cooking services in restaurants and other commercial food establishments. Includes instruction in recipe and menu planning, preparing and cooking of foods, supervising and training kitchen assistants, the management of food supplies and kitchen resources, aesthetics of food presentation, and familiarity or mastery of a wide variety of cuisines and culinary techniques.							F	Y
12.050325 Culinary Arts	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	64	Land		
12.050324 Culinary Arts	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	38	Land		
12.050328 Culinary Gourmet Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	16	Land		
12.050327 Food and Wine Specialties	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	21	Land		
12.050301 Culinary Arts	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	33	Land		
12.050301 Culinary Specialist	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Land		
12.050301 Culinary Specialist	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	13	Land		
12.050301 Culinary Specialist	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	54	Land		
12.050300 Culinary Arts	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	64	Land		
12.050301 Culinary Arts	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	68	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
12.050301 Culinary Arts	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	55	Land		
12.050304 Wine and Artisan Foods	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	17	Land		
12.050300 Culinary Arts	South Central College	5183 North Mankato Campus	ACTIVE	AAS	69	Land		
12.050300 Culinary Arts	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	55	Land		
12.050300 Culinary Arts	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	NEW	AAS	67	Land		
12.050301 Culinary Arts	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	38	Land		
12.0504 RESTAURANT, CULINARY, AND CATERING MANAGEMENT/MANAGER. A program that prepares individuals to plan, supervise, and manage food and beverage preparation and service operations, restaurant facilities, and catering services. Includes instruction in food/beverage industry operations, cost control, purchasing and storage, business administration, logistics, personnel management, culinary arts, restaurant and menu planning, executive chef functions, event planning and management, health and safety, insurance, and applicable law and regulations.							B	Y
12.050401 Food and Beverage Management	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	66	Land		
12.050401 Culinary Arts/Food Service Management	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	72	Land		
12.050401 Culinary Arts/Food Service Management	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	68	Land		
12.050401 Restaurant Management	Minneapolis Community and Technical College	5057 Minneapolis Campus	NEW	Certificate	30	Land		
12.050400 Food and Beverage Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	20	Land		
12.0505 FOOD PREPARATION/PROFESSIONAL COOKING/KITCHEN ASSISTANT. A program that prepares individuals to serve under the supervision of chefs and other food service professionals as kitchen support staff and commercial food preparation workers. Includes instruction in kitchen organization and operations, sanitation and quality control, basic food preparation and cooking skills, kitchen and kitchen equipment maintenance, and quantity food measurement and monitoring.							F	Y
12.050501 Culinary Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	16	Land		
12.050501 Culinary Assistant	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Certificate	16	Land		
12.050501 Short Order Cooking	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	25	Land		
12.0509 CULINARY SCIENCE/CULINOLOGY. A program that focuses on the blending of food science and the culinary arts and that prepares individuals to work as research chefs and related research and development positions in the food industry. Includes instruction in culinary arts, food chemistry, food safety and quality, food processing, nutrition, and business management.								N
12.050900 Culinology	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land		
12.0510 WINE STEWARD/SOMMELIER. A program that prepares individuals to manage wine selection, purchasing, storage, sales, and service for a variety of establishments in the hospitality industry. Includes instruction in wine production, wine regions of the world, wine tasting, food and wine matching, service techniques, and wine program management.								Y
12.051000 Wine Studies	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Certificate	9	Land		
12.051003 Wine Professional	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	9	Land		
52.0905 RESTAURANT/FOOD SERVICES MANAGEMENT. A program that prepares individuals to plan, manage, and market restaurants, food services in hospitality establishments, food service chains and franchise networks, and restaurant supply operations. Includes instruction in hospitality administration, food services management, wholesale logistics and distribution, franchise operations, business networking, personnel management, culinary arts, business planning and capitalization, food industry operations, marketing and retailing, business law and regulations, finance, and professional standards and ethics.							B	Y

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
52.090500 Restaurant Management	Minneapolis Community and Technical College	5057 Minneapolis Campus	NEW	AAS	60	Land	
52.090501 Restaurant Management	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	13	Land	
52.090501 Restaurant Management	South Central College	5183 North Mankato Campus	ACTIVE	Certificate	18	Land	
Pathway: Travel and Tourism							
03.0207 NATURAL RESOURCE RECREATION AND TOURISM. A program that prepares individuals to plan, develop, and manage tourism in a natural resource setting, with an emphasis on applying environmentally sound, culturally sensitive, and economically sustainable principles. Includes instruction in environmental studies; natural resource management and interpretation; tourism planning, management, and policies; public land use management and policies; communications; marketing; and public relations. Examples: [Ecotourism], [Resource Recreation and Tourism], [Nature-Based Tourism], [Natural Resources Interpretation], [Hunting and Fishing Guide]							Y
03.020700 Wildlife Tourism	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	19	Land	
52.0901 HOSPITALITY ADMINISTRATION/MANAGEMENT, GENERAL. A program that prepares individuals to serve as general managers and directors of hospitality operations on a system-wide basis, including both travel arrangements and promotion and the provision of traveler facilities. Includes instruction in principles of operations in the travel and tourism, hotel and lodging facilities, food services, and recreation facilities industries; hospitality marketing strategies; hospitality planning; management and coordination of franchise and unit operations; business management; accounting and financial management; hospitality transportation and logistics; and hospitality industry policies and regulations.							B
52.090103 Hospitality Management	Alexandria Technical and Community College	2001 EACE - Alexandria Technical College	ACTIVE	Certificate	20	Land	N
52.090105 Hospitality Operations	Alexandria Technical and Community College	2001 EACE - Alexandria Technical College	ACTIVE	Certificate	10	Land	
52.090101 Hospitality Careers	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	10	Land	
52.090101 Hospitality Management	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BAS	120	Land	
52.090101 Hospitality Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	AAS	60	Land	
52.090102 Event and Meeting Management	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	18	Land	
52.090101 Hospitality Management	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land	
52.090102 Hospitality Management	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
52.0903 TOURISM AND TRAVEL SERVICES MANAGEMENT. A program that prepares individuals to manage travel-related enterprises and related convention and/or tour services. Includes instruction in travel agency management, tour arranging and planning, convention and event planning, travel industry operations and procedures, tourism marketing and promotion strategies, travel counseling, travel industry law, international and domestic operations, and travel and tourism policy.							B
52.090300 Tourism and Travel	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	AAS	60	Land	
52.090300 Tourism and Travel	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	Certificate	16	Land	
52.090301 Travel and Tourism	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
52.0999 HOSPITALITY ADMINISTRATION/MANAGEMENT, OTHER. Any instructional program in hospitality service management not listed above.							B
52.099900 Golf Enterprise Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	28	Land	
52.1905 TOURISM AND TRAVEL SERVICES MARKETING OPERATIONS. A program that prepares individuals to provide direct retail services to hotel and motel clients and customers in a variety of settings. Includes instruction in the principles of hotel/motel operations, customer sales and assistance operations and techniques, telephone operations, and basic office management.							M
52.190501 Tourism Operations and Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	19	Land	Y

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
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Cluster: Marketing

Pathway: Marketing Communications

09.0900 PUBLIC RELATIONS, ADVERTISING, AND APPLIED COMMUNICATION. A general program that focuses on organizational communication, public relations, and advertising; and that prepares individuals to function in a wide range of public and private sector positions requiring the skills of persuasive communication. Includes instruction in communications, public relations, and advertising theory; principles and techniques of persuasion; message/image design; marketing strategy; professional writing; public speaking and multi-media presentation skills; digital communications; and applied research. Examples: [Public Relations and Advertising], [Applied Communication]

09.090000 Mass Communication: Public Relations/Advertising	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	28	Land		
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09.0903 ADVERTISING. A program that focuses on the creation, execution, transmission, and evaluation of commercial messages in various media intended to promote and sell products, services, and brands; and that prepares individuals to function as advertising assistants, technicians, and managers. Includes instruction in advertising theory, marketing strategy, advertising design and production methods, campaign methods and techniques, media management, related principles of business management, and applicable technical and equipment skills.

09.090301 Advertising and Business Management	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BAS	120	Land		
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09.090301 Advertising Communication and Design	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	72	Land		
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09.090301 Advertising Communication and Design	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	63	Land		
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09.0907 INTERNATIONAL AND INTERCULTURAL COMMUNICATION. A program that focuses on the specialized knowledge and skills needed for effective communication in the international community and among people of different cultures; and that prepares individuals to function at the national and international levels as journalists, public relations specialists, travel industry representatives, intercultural trainers, and/or foreign service officers. Includes instruction in journalism, communications, intercultural and international relations, marketing and public relations, and global communications policy.

09.090701 Intercultural Communication	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	21	Land		
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52.0501 BUSINESS/CORPORATE COMMUNICATIONS. A program that prepares individuals to function in an organization as a composer, editor and proofreader of business or business-related communications.

52.050103 Business Communication	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	10	Land		
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52.050101 Business Communications Essentials	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either		
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Pathway: Marketing Management

52.0208 E-COMMERCE/ELECTRONIC COMMERCE. A program that prepares individuals to plan, manage, supervise, and market electronic business operations, products, and services provided online via the Internet. Includes instruction in business administration, information technology, information resources management, web design, computer and Internet law and policy, computer privacy and security, e-trading, insurance, electronic marketing, investment capital planning, enterprise operations, personnel supervision, contracting, and product and service networking.

52.020800 Marketing Communication	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land		
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52.020802 Marketing Communications Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	60	Land		
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52.020803 E-Commerce Essentials	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either		
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52.020802 E-Commerce Professional	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	17	Either		
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52.020802 Electronic Commerce Internet Designer	South Central College	5183 Faribault Campus	ACTIVE	Certificate	26	Land		
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52.020803 Electronic Commerce Management and Marketing	South Central College	5183 Faribault Campus	ACTIVE	Certificate	26	Land		
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Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
52.1401 MARKETING/MARKETING MANAGEMENT, GENERAL. A program that generally prepares individuals to undertake and manage the process of developing consumer audiences and moving products from producers to consumers. Includes instruction in buyer behavior and dynamics, principle of marketing research, demand analysis, cost-volume and profit relationships, pricing theory, marketing campaign and strategic planning, market segments, advertising methods, sales operations and management, consumer relations, retailing, and applications to specific products and markets.						B N
52.140101 Marketing	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AS	60	Land
52.140102 Marketing	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	18	Either
52.140102 Marketing Management	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land
52.140104 Business Marketing Specialist	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	AAS	60	Land
52.140101 Marketing	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	AS	60	Either
52.140103 Marketing Communications Specialist	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	Certificate	28	Either
52.140103 Marketing Design Specialist	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	AAS	60	Either
52.140101 Marketing Design Specialist	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	Diploma	46	Land
52.140105 Social Media Specialist	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	AAS	60	Either
52.140105 Social Media Specialist	Dakota County Technical College	5482 Apple Valley Higher Education site	ACTIVE	Certificate	20	Either
52.140101 Marketing	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Either
52.140100 Marketing	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	68	Land
52.140101 Marketing	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
52.140103 Business: Marketing and Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	30	Either
52.140101 Business--Marketing and Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	AAS	60	Either
52.140101 Business--Marketing and Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	AS	60	Either
52.140102 Marketing Management	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	18	Either
52.140102 Marketing	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AAS	60	Either
52.140102 Marketing	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	18	Either
52.140101 Marketing and Design	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	68	Land
52.140104 Marketing	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land
52.140104 Marketing	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	17	Land
52.140101 Marketing Management	South Central College	5183 Faribault Campus	ACTIVE	AAS	64	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
52.140101 Marketing Management	South Central College	5183	Faribault Campus	ACTIVE	Certificate	30	Land		
52.140101 Marketing Management	South Central College	5183	Faribault Campus	ACTIVE	Diploma	53	Land		
52.140101 Marketing	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	AS	60	Land		
52.140101 Marketing	Southwest Minnesota State University	5161	Hutchinson Campus	ACTIVE	BAS	120	Land		
52.140100 Marketing	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BS	120	Land		
52.070311 Small Business				ACTIVE	EMPH	128			
52.140101 Marketing	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
52.140101 Marketing	Winona State University	5169	Winona-WSU Campus	ACTIVE	BS	120	Land		
52.1403 INTERNATIONAL MARKETING. A program that prepares individuals to perform marketing activities in enterprises primarily engaged in exporting or importing goods and services in world markets. Includes instruction in international trade controls, foreign trade operations, locating markets, negotiation practices, monetary issues, and international public relations.								B	Y
52.140301 Global Trade Professional	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	16	Land		
52.140301 Global Trade Specialist	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	60	Land		
Pathway: Merchandising									
52.1801 SALES, DISTRIBUTION, AND MARKETING OPERATIONS, GENERAL. A program that focuses on the general process and techniques of direct wholesale and retail buying and selling operations and introduces individuals to related careers. Includes instruction in the principles of entrepreneurial economics, basic sales skills, the distribution channels for goods and services, and supervised practical application experiences.								B	N
52.180101 Marketing and Sales Management	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AAS	72	Land		
52.180101 Marketing and Sales Management	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	72	Land		
52.180101 Sales Management	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	NEW	AS	60	Land		
52.180104 Sales Management Specialist	Dakota County Technical College	5482	Apple Valley Higher Education site	ACTIVE	AAS	60	Land		
52.180100 Sales and Business Management	Hibbing Community College, A Technical and Community College	5040	Hibbing Campus	ACTIVE	AAS	63	Land		
52.180101 Marketing and Sales	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	12	Either		
52.180101 Sales Management	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BAS	120	Land		
52.180101 Industrial Distribution	Minnesota State College-Southeast Technical	2018	EACE - Minnesota State College-Southeast Techni	ACTIVE	AAS	67	Either		
52.180101 Sales Management	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	AAS	65	Land		
52.180101 Business: Management, Marketing and Sales	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	AAS	70	Either		
52.180101 Business: Management, Marketing and Sales	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	Diploma	70	Land		
52.180101 Sales and Marketing	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	Diploma	33	Land		
52.180100 Marketing and Sales	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	Certificate	14	Either		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
52.180101 Sales, Marketing, and Management	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	AAS	70	Land		
52.180102 Sales and Marketing	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Diploma	32	Either		
52.180101 Sales, Marketing, and Management	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	AAS	60	Either		
52.180101 Marketing and Sales Management	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	AAS	72	Land		
52.180101 Marketing and Sales Management	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	66	Land		
52.180103 Sales and Management	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Certificate	15	Land		
52.180103 Sales and Management Associate	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	34	Land		
52.180102 Sales and Management	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	72	Land		
52.180103 Sales and Management	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	60	Land		
52.180104 Sales and Management Associate	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	34	Land		
52.1902 FASHION MERCHANDISING. A program that prepares individuals to promote product lines/brands, and organize promotional campaigns, at the wholesale level to attract retailer interest, wholesale purchasing, and supply contracts. Includes instruction in wholesaling, wholesale advertising, selling, and customer relations.							B		Y
52.190201 Fashion Management	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AAS	72	Land		
52.190201 Fashion Management	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	64	Land		
Pathway: Professional Sales									
52.1501 REAL ESTATE. A program that prepares individuals to develop, buy, sell, appraise, and manage real estate. Includes instruction in land use development policy, real estate law, real estate marketing procedures, agency management, brokerage, property inspection and appraisal, real estate investing, leased and rental properties, commercial real estate, and property management. Examples: [Property Management]							B		N
52.150106 General Real Estate	Dakota County Technical College	5029	Apple Valley Higher Education site	ACTIVE	Certificate	16	Land		
52.150105 Property Management	Dakota County Technical College	5029	Apple Valley Higher Education site	ACTIVE	Certificate	16	Land		
52.150102 Real Estate Property Management	Dakota County Technical College	5029	Apple Valley Higher Education site	ACTIVE	AAS	64	Land		
52.150102 Real Estate Property Management	Dakota County Technical College	5029	Apple Valley Higher Education site	ACTIVE	Diploma	45	Land		
52.150101 Real Estate	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	Certificate	15	Land		
52.150101 Real Estate	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
52.1803 RETAILING AND RETAIL OPERATIONS. A program that prepares individuals to perform operations associated with retail sales in a variety of settings. Includes instruction in over-the-counter and other direct sales operations in business settings, basic bookkeeping principles, customer service, team/staff leadership and supervision, floor management, and applicable technical skills.							M		Y
52.180302 Retail Merchandising Sales Associate	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Diploma	34	Land		
52.1804 SELLING SKILLS AND SALES OPERATIONS. A program that prepares individuals to possess the skills associated with direct promotion of products and services to potential customers and to function as independent sales representatives and managers. Includes instruction in consumer psychology, image projection, public speaking and interpersonal communications, sales organization and operations, customer relations, professional standards and ethics, and applicable technical skills.							F		Y

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
52.180401 Professional Sales	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	41	Land		
52.180403 Sales Specialist	Dakota County Technical College	5482	Apple Valley Higher Education site	ACTIVE	Certificate	12	Either		
52.180400 Professional Sales (Business to Business)	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	60	Land		
52.180400 Professional Sales (Business to Business)	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Certificate	22	Land		
52.180414 Professional Sales Representative	Lake Superior College	5049	Duluth - FCF	ACTIVE	Certificate	12	Land		
52.180403 Sales Representative	Minnesota State College-Southeast Technical	5114	Winona-MS-Campus	ACTIVE	Diploma	35	Land		
52.180401 Sales	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	Certificate	9	Either		
52.180401 Sales	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	18	Either		
52.180404 Sales Representative	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	33	Land		
52.180403 Technical Sales Management	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	AAS	72	Land		
52.1909 SPECIAL PRODUCTS MARKETING OPERATIONS. A program that prepares individuals to perform marketing and sales operations connected with the promotion of special products, including floristry, food, and home and office products. Includes instruction in principles of marketing research and advertising, promotional campaign organization, media relations, and applicable technical and administrative skills.								B	Y
52.190905 Home Furnishing Sales	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	30	Land		
52.190902 Marketing Specialty	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Diploma	45	Land		
52.190901 Electronic Technology Marketing	Northland Community and Technical College	5509	EACE - Northland Community and Technical Colleg	ACTIVE	AS	60	Land		
52.190901 Electronic Technology Marketing	Northland Community and Technical College	5509	EACE - Northland Community and Technical Colleg	ACTIVE	Diploma	31	Land		
52.190901 Electronic Technology Marketing I	Northland Community and Technical College	5524	Thief River Falls Campus	ACTIVE	Certificate	9	Land		
52.190901 Electronic Technology Marketing II	Northland Community and Technical College	5509	EACE - Northland Community and Technical Colleg	ACTIVE	Certificate	10	Land		

FIELD: ENGINEERING, MANUFACTURING & TECHNOLOGY

Cluster: Architecture and Construction

Pathway: Construction

15.0503 ENERGY MANAGEMENT AND SYSTEMS TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing energy-efficient systems or monitoring energy use. Includes instruction in principles of energy conservation, instrumentation calibration, monitoring systems and test procedures, energy loss inspection procedures, energy conservation techniques, and report preparation.

15.050301 Energy Technical Specialist	Alexandria Technical and Community College	5001	Alexandria Campus	NEW	AAS	60	Either		
15.050301 Renewable and Sustainable Energy Technologies	Central Lakes College	2005	EACE - Central Lakes College	ACTIVE	Certificate	16	Land		
15.050301 Energy Technical Specialist	Century College, A Community and Technical College	5024	White Bear Lake Campus	NEW	AAS	60	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
15.050301 Renewable Energy Systems Technologist	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	21	Land	
15.050300 Energy Technical Specialist	Dakota County Technical College	5029 Rosemount Campus	NEW	AAS	60	Either	
15.050300 Nuclear Energy			ACTIVE	EMPH	10		
15.050302 Clean Energy Systems Technician	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	22	Land	
15.050301 Energy Technical Specialist	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	NEW	AAS	60	Either	
15.050301 Energy Technical Specialist	Itasca Community College	5046 Grand Rapids Campus	NEW	AAS	60	Land	
15.050301 Energy Technical Specialist	Mesabi Range Community and Technical College	5536 Eveleth Campus	NEW	AAS	60	Land	
15.050301 Energy Technical Specialist	Minnesota West Community and Technical College	5058 Canby Campus	NEW	AAS	60	Either	
15.050301 Renewable Energy Entrepreneurship	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	19	Either	
15.050301 Sustainable Environment Technologies	Northwest Technical College	5492 Bemidji-NTC Campus	NEW	AAS	60	Either	
15.050301 Energy Technical Specialist	South Central College	5183 Faribault Campus	NEW	AAS	60	Either	
15.050301 Energy Technical Specialist	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	NEW	AAS	60	Land	
15.0505 SOLAR ENERGY TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing solar-powered energy systems. Includes instruction in solar energy principles, energy storage and transfer technologies, testing and inspection procedures, system maintenance procedures, and report preparation.						F	Y
15.050503 Advanced Solar Photovoltaic Energy Systems	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land	
15.050504 Advanced Solar Thermal Energy Systems	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land	
15.050505 Solar Assessor	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
15.050502 Solar Photovoltaic Contractor Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	45	Land	
15.050502 Solar Photovoltaic Contractor Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	NEW	AAS	60	Land	
15.050503 Solar Thermal Contractor Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	45	Land	
15.050503 Solar Thermal Contractor Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	NEW	AAS	60	Land	
15.050501 Solar Photovoltaic Technician	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Certificate	25	Land	
15.050500 Renewable Energy	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	20	Either	
15.050501 Solar Installer	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	22	Land	
46.0000 CONSTRUCTION TRADES, GENERAL. A program that generally prepares individuals to apply technical knowledge and skills in the building, inspecting, and maintaining of structures and related properties. May include instruction in masonry, carpentry, electrical and power transmission installation, building/construction finishing, management, inspection and other construction-related applications. Examples: [Construction Craft Worker]						B	Y
46.000001 Construction Trade	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	64	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
46.000001 Construction Technology	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	19	Land		
46.0101 MASON/MASONRY. A program that prepares individuals to apply technical knowledge and skills in the laying and/or setting of exterior brick, concrete block, hard tile, marble and related materials, using trowels, levels, hammers, chisels, and other hand tools. Includes instruction in technical mathematics, blueprint reading, structural masonry, decorative masonry, foundations, reinforcement, mortar preparation, cutting and finishing, and applicable codes and standards. Examples: [Bricklayer], [Brick and Stone Mason]							F	Y
46.010112 Certified Mason's Assistant	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	25	Land		
46.010112 Concrete Mason	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	34	Land		
46.010101 Concrete and Masonry	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	67	Land		
46.010101 Concrete and Masonry	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	33	Land		
46.010104 Blocklaying	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	11	Land		
46.010105 Masonry	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	29	Land		
46.0201 CARPENTRY/CARPENTER. A program that prepares individuals to apply technical knowledge and skills to lay out, cut, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations and roughing-in, finish carpentry techniques, and applicable codes and standards. Examples: [General Carpenter]							F	Y
46.020101 Carpentry	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	72	Land		
46.020102 Apprenticeship Technology	Hennepin Technical College	2010 EACE - Hennepin Technical College	ACTIVE	AAS	66	Land		
46.020102 Carpentry	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	36	Land		
46.020102 Residential Remodeling and Design	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	68	Land		
46.020103 Sustainable Construction	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	16	Land		
46.020101 General Construction Worker	Lake Superior College	5049 Duluth - FCF	ACTIVE	Certificate	15	Land		
46.020102 Carpentry	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	64	Land		
46.020103 Carpentry Assistant	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	30	Land		
46.020101 Carpentry	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	AAS	64	Land		
46.020101 Carpentry	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Diploma	37	Land		
46.020114 Construction Specialist	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Certificate	25	Land		
46.020115 Framing Specialist	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Certificate	25	Land		
46.020101 Carpentry	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AAS	67	Land		
46.020102 Carpentry	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	60	Land		
46.020105 Carpentry - Residential	Minnesota State Community and Technical College	5502 White Earth Reservation	ACTIVE	Diploma	34	Land		
46.020103 Carpentry Assisting	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Certificate	29	Land		
46.020102 Carpentry Science	Minnesota State Community and Technical College	5501 Wadena Campus	ACTIVE	Diploma	33	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
46.020101 Woodcraft Technician	Minnesota State Community and Technical College	5486 EACE - MN State Community & Technical College	ACTIVE	Certificate	15	Land
46.020102 Carpentry	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	AAS	60	Land
46.020102 Carpentry	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	Diploma	45	Land
46.020105 Carpentry-Residential	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Diploma	34	Land
46.020101 Carpentry	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	60	Land
46.020105 Carpentry	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	64	Land
46.020106 Carpentry - Residential	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	48	Land
46.020103 Carpentry Assisting	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	30	Land
46.020101 Advanced Carpentry	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	68	Land
46.020102 Advanced Carpentry	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	62	Land
46.020103 Carpentry	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	34	Land
46.020101 Cabinet Making	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Certificate	28	Either
46.020103 Carpentry Assistant	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Diploma	31	Either
46.020102 Carpentry Technology	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Diploma	64	Land
46.020101 Carpentry	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	32	Land
46.020101 Carpentry	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	42	Land
46.020101 Carpentry	South Central College	5185 Faribault Campus	ACTIVE	AAS	60	Land
46.020103 Carpentry	South Central College	5185 Faribault Campus	ACTIVE	Certificate	17	Land
46.020101 Carpentry	South Central College	5185 Faribault Campus	ACTIVE	Diploma	32	Land
46.020102 Carpentry	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	72	Land
46.020102 Carpentry	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	64	Land
46.020103 Carpentry Assistant	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Certificate	28	Land
46.0301 ELECTRICAL AND POWER TRANSMISSION INSTALLATION/INSTALLER, GENERAL. A program that generally prepares individuals to apply technical knowledge and skills to install indoor and outdoor residential, commercial, and industrial electrical systems, and associated power transmission lines. Includes instruction in electricity, safety procedures, wiring, insulation and grounding, schematic blueprint interpretation, equipment operation and maintenance, and applicable codes and standards.						F Y
46.030101 Electric Utility Technology	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AS	60	Land
46.030101 Electric Utility Substation Technician	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	Diploma	64	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
46.030101 Electric Utility Substation Technology	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	AAS	64	Land		
46.0302 ELECTRICIAN. A program that prepares individuals to apply technical knowledge and skills to install, operate, maintain, and repair electric apparatus and systems such as residential, commercial, and industrial electric-power wiring; and DC and AC motors, controls, and electrical distribution panels. Includes instruction in the principles of electronics and electrical systems, wiring, power transmission, safety, industrial and household appliances, job estimation, electrical testing and inspection, and applicable codes and standards. Examples: [Construction Electrician], [Industrial Electrician]							F	Y
46.030201 Construction Electrician	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	72	Land		
46.030201 Electrical Construction and Maintenance Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	81	Land		
46.030202 Electrical Construction and Maintenance Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	75	Land		
46.030201 Electrical Maintenance and Construction	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	74	Land		
46.030201 Commercial and Residential Wiring	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	82	Land		
46.030201 Commercial and Residential Wiring	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	68	Land		
46.030201 Electrical Construction and Technology	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	64	Land		
46.030200 Construction Electricity	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	74	Land		
46.030211 Industrial Maintenance			ACTIVE	EMPH	72			
46.030201 Electrician	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AAS	88	Land		
46.030201 Electrician	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	78	Land		
46.030201 Construction Electricity	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Diploma	74	Land		
46.030203 Construction Electricity-Residential	Northwest Technical College	5494 EACE - Northwest Technical College - Bemidji	ACTIVE	Diploma	36	Land		
46.030203 Electrical Construction and Maintenance	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	74	Land		
46.030201 Electrician	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	84	Land		
46.030201 Electrician	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	74	Land		
46.030201 Construction Electrician	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	74	Land		
46.030201 Electrical Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	72	Land		
46.030201 Electrical Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	67	Land		
46.030201 Electrical Construction Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	79	Land		
46.030201 Electrical Construction Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	70	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
46.0303 LINEWORKER. A program that prepares individuals to apply technical knowledge and skills to install, operate, maintain and repair local, long-distance, and rural electric power cables and communication lines; erect and construct pole and tower lines; and install underground lines and cables. Includes instruction in cable installation and repair, fibre-optic technology, trenching, mobile equipment and crane operation, high-voltage installations, maintenance and inspection, safety, remote communications, and applicable codes and standards. Examples: [Power Line Electrician], [Power Lineman], [Powerline Technician], [Powerline Technician (Operating)]						F	Y
46.030301 Electrical Lineworker	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	60	Land	
46.030301 Electrical Lineworker	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	43	Land	
46.030301 Electrical Lineworker Technology	Minnesota State Community and Technical College	5501 Wadena Campus	ACTIVE	AAS	72	Land	
46.030301 Electrical Lineworker Technology	Minnesota State Community and Technical College	5501 Rainy River CC - Baudette	ACTIVE	Diploma	36	Land	
46.030303 Powerline	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	Diploma	38	Land	
46.030302 Powerline Technician	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	Diploma	64	Land	
46.030301 Powerline Technology	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	AAS	64	Land	
46.0399 ELECTRICAL AND POWER TRANSMISSION INSTALLERS, OTHER. Any instructional program in electrical and power transmission installation not listed above.						F	Y
46.039902 Wind Energy Technician	Mesabi Range Community and Technical College	5536 Eveleth Campus	NEW	AAS	71	Land	
46.039912 Wind Energy Mechanic	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	34	Land	
46.039901 Wind Energy Technology	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AAS	64	Land	
46.039902 Windsmith	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Either	
46.039901 Wind Turbine Technician	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	NEW	Diploma	60	Land	
46.0401 BUILDING/PROPERTY MAINTENANCE. A program that prepares individuals to apply technical knowledge and skills to keep a building functioning, and to service a variety of structures including commercial and industrial buildings and mobile homes. Includes instruction in the basic maintenance and repair skills required to service building systems, such as air conditioning, heating, plumbing, electrical, major appliances, and other mechanical systems. Examples: [Building Maintenance], [Property Maintenance], [Custodial Services]						F	Y
46.040106 Facility Systems Commerical	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land	
46.040104 Facility Systems Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	48	Land	
46.040104 Facility Systems Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
46.040102 Industrial Building Engineering and Maintenance	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	44	Land	
46.040102 Street, Utility and Park Maintenance Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	32	Land	
46.040102 Building Utilities Mechanic	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	69	Land	
46.040102 Building Utilities Mechanic	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	72	Land	
46.040101 Green Energy Management	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	16	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
46.0402 CONCRETE FINISHING/CONCRETE FINISHER. A program that prepares individuals to prepare, construct, and finish buildings, components, and related structures using compound masonry mixtures of stone, gravel, sand, cement, and water. Includes instruction in site preparation, applied mathematics, mixing formulas and applications, job estimation, concrete design, finishing techniques, mold preparation, reinforcement installation, site safety, and equipment operation and maintenance.						F	Y
46.040201 Concrete Flatwork	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	11	Land	
46.0403 BUILDING/HOME/CONSTRUCTION INSPECTION/INSPECTOR. A program that prepares individuals to apply industrial, labor, and governmental standards and laws to the oversight of construction projects and the maintenance of completed buildings and other structures. Includes instruction in construction processes and techniques, materials analysis, occupational safety and health, industry standards, building codes and specifications, blueprint interpretation, testing equipment and procedures, communication skills, accident investigation, and documentation.						F	Y
46.040306 Building Inspection	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	14	Either	
46.0404 DRYWALL INSTALLATION/DRYWALLER. A program that prepares individuals to apply technical knowledge and skills to install, tape, and plaster drywall installations in interior and exterior construction jobs. Includes instruction in drywall handling and transport, cutting and mounting, taping and spackling, finishing, job analysis and estimation, site safety, tool operation and maintenance, blueprint and specification interpretation, and applicable codes and standards. Examples: [Drywall, Acousting and Lathing Applicator], [Drywall and Acoustical Mechanic], [Lather (Interior Systems Mechanic)], [Interior Systems Installer], [Wall and Ceiling Installer]						F	Y
46.040401 Insulating and Sheetrocking	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	11	Land	
46.0410 ROOFER. A program that prepares individuals to apply technical knowledge and skills to prepare, install, and maintain exterior roofing materials and roofs. Includes instruction in building materials, flashing, lag bolts, site safety, equipment operation and maintenance, layering, site preparation, basic internal structural design, finishing, waterproofing, and applicable codes and standards.						F	Y
46.041001 Roofing	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	11	Land	
46.0412 BUILDING/CONSTRUCTION SITE MANAGEMENT/MANAGER. A program that prepares individuals to supervise, manage, and inspect construction sites, buildings, and associated facilities. Includes instruction in site safety, personnel supervision, labor relations, diversity training, construction documentation, scheduling, resource and cost control, bid strategies, rework prevention, construction insurance and bonding, accident management and investigation, applicable law and regulations, and communication skills.						F	Y
46.041201 Construction Site Supervisor	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	34	Land	
46.041200 Construction Estimating	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	30	Land	
46.041201 Construction Management	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	30	Land	
46.041201 Construction Management	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	30	Either	
46.041201 Construction Supervisor	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	72	Land	
46.041200 Advanced Construction Field Supervision	South Central College	5183 Faribault Campus	ACTIVE	Diploma	39	Land	
46.041200 Basic Construction Field Supervision	South Central College	5183 Faribault Campus	ACTIVE	Certificate	20	Land	
46.041200 Construction Field Supervision	South Central College	5183 Faribault Campus	ACTIVE	AAS	60	Land	
46.0413 CARPET, FLOOR, AND TILE WORKER. A program that prepares individuals to plan, prepare, install, and repair carpet; linoleum; vinyl; ceramic, marble, quarry, mosaic, and terazzo tiles; and wood materials on floors, walls, and stairs. Includes instruction in measuring, cutting, and installing materials; use of hand and power-operated equipment; estimation of material and labor costs; and safety training. Examples: [Carpet, Flooring, and Tile Technician], [Floorcovering Installer], [Carpet, Linoleum, and Soft Tile Layer], [Carpet/Flooring and Hardwood Technician], [Tiling and Flooring Technician], [Tiler], [Terrazzo, Tile and Marble Setter]							Y
46.041304 Floor Covering Apprenticeship	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	26	Land	
46.0415 BUILDING CONSTRUCTION TECHNOLOGY. A program that prepares individuals to apply technical knowledge and skills to residential and commercial building construction and remodeling. Includes instruction in construction equipment and safety; site preparation and layout; construction estimating; blueprint reading; building codes; framing; masonry; heating, ventilation, and air conditioning; electrical and mechanical systems; interior and exterior finishing; and plumbing. Examples: [Construction Technology]							Y
46.041500 Building Construction Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	72	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
46.041501 Building Construction Technology	Lake Superior College	5047	Duluth Campus	ACTIVE	Diploma	64	Land		
46.0502 PIPEFITTING/PIPEFITTER AND SPRINKLER FITTER. A program that prepares individuals to design, install, and test industrial and commercial piping systems and automatic fire and exposure protection systems. Includes instruction in water systems, steam systems, heating and cooling systems, lubricating systems, piping materials, installation tools operation and maintenance, valve installation and repair, technical mathematics, blueprint interpretation, and applicable codes and standards. Examples: [Sprinkler and Fire Protection Installer], [Sprinkler System Installer], [Steamfitter/Pipefitter]								F	Y
46.050212 Pipefitting	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	40	Land		
46.050213 Pipefitting Apprenticeship Building Trades	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	40	Land		
46.050214 Pipefitting Apprenticeship Service	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	40	Land		
46.050208 Pipefitting Construction	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	20	Land		
46.0503 PLUMBING TECHNOLOGY/PLUMBER. A program that prepares individuals to practice as licensed plumbers by applying technical knowledge and skills to lay out, assemble, install, and maintain piping fixtures and systems for steam, natural gas, oil, hot water, heating, cooling, drainage, lubricating, sprinkling, and industrial processing systems in home and business environments. Includes instruction in source determination, water distribution, waster removal, pressure adjustment, basic physics, technical mathematics, blueprint reading, pipe installation, pumps, welding and soldering, plumbing inspection, and applicable codes and standards. Examples: [Pipefitter - Plumber Specialty]								F	Y
46.050301 Plumbing Technology	Anoka Technical College	5003	Anoka Campus	ACTIVE	Diploma	37	Land		
46.050301 Plumbing Technology	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	AAS	60	Land		
46.050301 Plumbing Technology	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	Diploma	36	Land		
46.050302 Plumbing	Minnesota West Community and Technical College	5062	Pipestone Campus	ACTIVE	Diploma	32	Land		
46.050303 Plumbing Technician	Minnesota West Community and Technical College	5062	Pipestone Campus	ACTIVE	Diploma	45	Land		
46.050301 Plumbing Technology	Minnesota West Community and Technical College	5062	Pipestone Campus	ACTIVE	AAS	64	Land		
46.050301 Construction Plumbing	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	Diploma	34	Land		
46.050301 Residential Plumbing/HVAC	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Diploma	72	Land		
46.050312 Plumbing	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	44	Land		
46.050301 Plumbing	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	37	Land		
46.050301 Plumbing - Shop Management	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	60	Land		
47.0103 COMMUNICATIONS SYSTEMS INSTALLATION AND REPAIR TECHNOLOGY. A program that prepares individuals to apply technical knowledge and skills to assemble, install, operate, maintain, and repair one- and two- way communications equipment and systems, including television cable systems and mobile or stationary communication devices. Includes instruction in diagnostic techniques, the use of testing equipment and the principles of mechanics, electricity, and electronics as they relate to the repair of communications systems.								F	Y
47.010301 Power Limited Technician	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	30	Land		
47.010301 Network Cabling Technician	Mesabi Range Community and Technical College	5536	Eveleth Campus	ACTIVE	Certificate	17	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
48.0509 IRONWORKING/IRONWORKER. A program that prepares individuals to make and install structural, ornamental, and reinforcing metal structures and supports. Includes instruction in drafting, technical mathematics, blueprint interpretation, welding, riveting, beam placement, ornamental design, structural reinforcement, crane operation, safety, and applicable codes and standards. Examples: [Ironworker (Generalist)], [Ironworker (Reinforcing)], [Ironworker (Structural/Ornamental)], [Ironworker Reinforcing Rebar], [Ironworker Rodworker]						F	Y
48.050901 Ironworker	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	25	Land	
48.0701 WOODWORKING, GENERAL. A program that generally prepares individuals to apply technical knowledge and skills to lay out and shape stock; assemble wooden articles or subassemblies; mark, bind, saw, carve, and sand wooden products; repair wooden articles, and use a variety of hand and power tools.						F	Y
48.070101 Wood Finishing Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	36	Land	
48.0702 FURNITURE DESIGN AND MANUFACTURING. A program that prepares individuals to apply technical knowledge and skills to prepare and execute furniture design projects, assemble and finish furniture articles or subassemblies, repair furniture, and use a variety of hand and power tools.						F	Y
48.070201 Commercial Furniture Repair Technician	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	11	Land	
48.070202 Furniture Service Technician	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	19	Land	
48.0703 CABINETMAKING AND MILLWORK. A program that prepares individuals to apply technical knowledge and skills to set up, operate and repair industrial woodworking machinery, and to use such machinery to design and fabricate wooden components and complete articles. Examples: [Cabinetmaker], [Joiner]						F	Y
48.070301 Cabinetmaking	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
48.070301 Cabinetmaking	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
48.070300 Cabinet and Counter Top Installation	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	11	Land	
48.070301 Cabinet Making/Finish Carpenter Specialist	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Certificate	20	Land	
48.070301 Cabinetmaking	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	35	Land	
48.070301 Cabinet Maker's Apprentice	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Certificate	30	Land	
49.0202 CONSTRUCTION/HEAVY EQUIPMENT/EARTHMOVING EQUIPMENT OPERATION. A program that prepares individuals to apply technical knowledge and skills to operate and maintain a variety of heavy equipment, such as a crawler tractors, motor graders and scrapers, shovels, rigging devices, hoists, and jacks. Includes instruction in digging, ditching, sloping, stripping, grading, and backfilling, clearing and excavating.						F	Y
49.020213 Heavy Equipment Operation and Maintenance	Central Lakes College	5008 Staples Campus	ACTIVE	Diploma	64	Land	
52.2001 CONSTRUCTION MANAGEMENT. A program that prepares individuals to manage, coordinate, and supervise the construction process from concept development through project completion on timely and economic bases. Includes instruction in commercial, residential, mechanical, highway/heavy civil, electrical, environmental, industrial, and specialty construction; facilities management; project planning; budgeting and cost control; logistics and materials management; personnel management and labor relations; site safety; construction contracting; construction processes and techniques; organization and scheduling; and applicable codes and regulations.						F	N
52.200100 Construction Management	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	60	Land	
52.200100 Construction Management	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AAS	72	Land	
52.200101 Construction Management	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land	
52.200101 Construction Management	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
52.200100 Construction Management and Supervision	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Land	

Pathway: Design/Pre-Construction

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
<p>04.0902 ARCHITECTURAL AND BUILDING SCIENCES/TECHNOLOGY. A program that focuses on the application of advanced technology to building design and construction, retrofitting existing buildings, and efficient operation of buildings, including lighting and daylight design, acoustics, solar design, building conservation, and energy-conscious design. Includes instruction in architecture, building technology, civil and structural engineering, mechanical engineering, environmental control systems, sustainability, and computer tools and applications. Examples: [Architectural and Building Sciences/Technology (BArch, BA/BS)], [Architectural and Building Sciences/Technology (MArch/MA/MS)], [Architectural and Building Sciences/Technology (PhD)]</p>							Y
04.090201 Green and Retro Construction	Central Lakes College	2005 EACE - Central Lakes College	ACTIVE	Certificate	16	Land	
04.090200 Building Design and Energy Technology	South Central College	5183 North Mankato Campus	ACTIVE	AAS	60	Land	
04.090200 Building Design and Energy Technology	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	32	Land	
<p>15.0201 CIVIL ENGINEERING TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of civil engineers engaged in designing and executing public works projects such as highways, dams, bridges, tunnels and other facilities. Includes instruction in site analysis, structural testing procedures, field and laboratory testing procedures, plan and specification preparation, test equipment operation and maintenance, and report preparation.</p>							F
15.020101 Civil Engineering Technology	Dakota County Technical College	5029 Apple Valley Higher Education site	ACTIVE	AAS	72	Land	Y
15.020101 Civil Engineering Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	65	Land	
15.020101 Civil Engineering Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	56	Land	
15.020101 Civil Engineering Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	72	Land	
15.020101 Public Works	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	23	Land	
15.020101 Civil Engineering Technology	South Central College	5183 Faribault Campus	ACTIVE	AAS	70	Land	
15.020101 Land Surveying/Civil Engineering Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	72	Land	
15.020101 Land Surveying/Civil Engineering Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	67	Land	
<p>15.1102 SURVEYING TECHNOLOGY/SURVEYING. A program that prepares individuals to apply mathematical and scientific principles to the delineation, determination, planning and positioning of land tracts, land and water boundaries, land contours and features; and the preparation of related maps, charts and reports. Includes instruction in applied geodesy, computer graphics, photointerpretation, plane and geodetic surveying, mensuration, traversing, survey equipment operation and maintenance, instrument calibration, and basic cartography.</p>							F
15.110201 Land Surveying	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land	N
15.110201 Land Surveying	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	42	Land	
15.110201 Land Surveying	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Certificate	24	Land	
15.110201 Land Surveying/ Mapping Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land	
15.110201 Land Surveying/Mapping Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
15.110201 Land Surveying	Vermilion Community College	5053 Ely Campus	ACTIVE	AS	60	Land	
15.110201 Land Surveying	Vermilion Community College	5053 Ely Campus	ACTIVE	Certificate	20	Land	
<p>15.1301 DRAFTING AND DESIGN TECHNOLOGY/TECHNICIAN, GENERAL. A program that prepares individuals to generally apply technical skills to create working drawings and computer simulations for a variety of applications. Includes instruction in specification interpretation, dimensioning techniques, drafting calculations, material estimation, technical communications, computer applications, and interpersonal communications.</p>							F
15.130101 Basic CAD Drafting	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	20	Land	Y
15.130104 Basic Drafting Technologies	Minnesota State College-Southeast Technical	1018 Virtual - Minnesota State College-Southeast Techni	ACTIVE	Certificate	16	Online	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
15.130101 Project Design Technician	Minnesota State Community and Technical College	5486	EACE - MN State Community & Technical College	ACTIVE	Certificate	15	Land		
15.1303 ARCHITECTURAL DRAFTING AND ARCHITECTURAL CAD/CADD. A program that prepares individuals to apply technical knowledge and skills to develop working drawings and electronic simulations for architectural and related construction projects. Includes instruction in basic construction and structural design, architectural rendering, architectural-aided drafting (CAD), layout and designs, architectural blueprint interpretation, building materials, and basic structural wiring diagramming.								F	Y
15.130301 Architectural and Construction Technician	Anoka Technical College	5003	Anoka Campus	ACTIVE	Diploma	59	Land		
15.130301 Architectural Technology	Anoka Technical College	5003	Anoka Campus	ACTIVE	AAS	69	Land		
15.130301 Architectural Technology	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	72	Land		
15.130301 Architectural Technology	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	64	Land		
15.130303 Architectural Technology	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land		
15.130301 Architectural Technology	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land		
15.130301 Architectural Technology	Lake Superior College	5047	Duluth Campus	ACTIVE	AAS	71	Land		
15.130301 Architectural Technology	Lake Superior College	5047	Duluth Campus	ACTIVE	Diploma	60	Land		
15.130301 Architectural Technology	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Diploma	64	Land		
15.130301 Architectural Technology	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	AAS	72	Land		
15.130303 Architectural Technology and Design	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	AAS	69	Land		
15.130303 Architectural Technology and Design	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	Certificate	30	Land		
15.130303 Architectural Technology and Design	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	Diploma	64	Land		
15.130301 Architectural Construction Technology	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	71	Land		
15.130301 Architectural Construction Technology	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	64	Land		
50.0408 INTERIOR DESIGN. A program in the applied visual arts that prepares individuals to apply artistic principles and techniques to the professional planning, designing, equipping, and furnishing of residential and commercial interior spaces. Includes instruction in computer applications, drafting, and graphic techniques; principles of interior lighting, acoustics, systems integration, and color coordination; furniture and furnishings; textiles and their finishing; the history of interior design and period styles; basic structural design; building codes and inspection regulations; and applications to office, hotel, factory, restaurant and housing design.								B	Y
50.040803 Interior Design	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AAS	72	Land		
50.040812 Interior Design	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	71	Land		
50.040801 Interior Design	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	AAS	64	Land		
50.040801 Interior Design Associate	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Diploma	48	Land		
50.040802 Interior Design Consultant	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	16	Land		
50.040803 Kitchen and Bath Design	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	30	Either		
50.040801 Interior Design	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	85	Land		
50.040813 Interior Design	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	64	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
Pathway: Maintenance/Operations								
47.0201 HEATING, AIR CONDITIONING, VENTILATION AND REFRIGERATION MAINTENANCE TECHNOLOGY/TECHNICIAN (HAC, HAC A program that prepares individuals to apply technical knowledge and skills to repair, install, service and maintain the operating condition of heating, air conditioning, and refrigeration systems. Includes instruction in diagnostic techniques, the use of testing equipment and the principles of mechanics, electricity, and electronics as they relate to the repair of heating, air conditioning and refrigeration systems. Examples: [Heating and Air Conditioning Maintenance Technology/Technician (HAC)], [Heating, Air Conditioning, and Refrigeration Maintenance Technology/Technician (HACR)], [Heating, Ventilation, and Air Conditioning Maintenance Technology/Technician (HVAC)], [Heating, Air Conditioning, Ventilation, and Refrigeration Maintenance Technology/Technician (HVACR)], [Oil Burner Mechanic], [Refrigeration Mechanic], [Refrigeration and Air Conditioning Mechanic], [Refrigeration and Air Conditioning Systems Mechanic]							F	Y
47.020105 Cooling	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land		
47.020104 Heating	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land		
47.020102 Heating, Ventilating/Air Conditioning Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land		
47.020103 HVAC Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	48	Land		
47.020112 Commercial Heating and Air Conditioning Equipment	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	10	Land		
47.020104 Commercial Heating, Ventilation, Air Conditioning and Refrigeration	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Diploma	36	Land		
47.020113 Commercial Refrigeration	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	12	Land		
47.020101 Heating, Ventilation, Air Conditioning and Refrigeration	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land		
47.020104 Residential Heating, Ventilation and Air Conditioning	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	35	Land		
47.020101 Refrigeration, Heating, Air-Conditioning and Appliance Repair	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	64	Land		
47.020101 Heating, Ventilation and Air Conditioning Installation	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	30	Land		
47.020101 Heating, Ventilation, Air Conditioning and Refrigeration (HVAC)	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	72	Land		
47.020101 Heating, Ventilation, Air Conditioning and Refrigeration (HVAC)	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	64	Land		
47.020101 Heating, Ventilation, Air Conditioning and Refrigeration	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	AAS	72	Land		
47.020103 Heating, Ventilation, Air Conditioning and Refrigeration	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Diploma	64	Land		
47.020102 HVAC - Heating, Ventilation, and Air Conditioning Technology	Minnesota State Community and Technical College	5501 Wadena Campus	ACTIVE	Diploma	36	Land		
47.020121 Refrigeration and Air Conditioning	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	67	Land		
47.020101 Heating, Ventilation and Air Conditioning/Refrigeration	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	Certificate	25	Land		
47.020101 Heating, Ventilation and Air Conditioning/Refrigeration Technician	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	Diploma	43	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
47.020101 Heating, Ventilation and Air Conditioning/Refrigeration Technology	Minnesota West Community and Technical College	5062	Pipestone Campus	ACTIVE	AAS	64	Land	
47.020102 Heating, Ventilation and Air Conditioning	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	Diploma	37	Land	
47.020102 Heating, Ventilation and Air Conditioning/Construction Plumbing	Northland Community and Technical College	5495	East Grand Forks Campus	ACTIVE	AAS	70	Land	
47.020101 Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R)	South Central College	5183	North Mankato Campus	ACTIVE	AAS	72	Land	
47.020113 Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R)	South Central College	5183	North Mankato Campus	ACTIVE	Certificate	26	Land	
47.020102 HVAC/R - Advanced	South Central College	5183	North Mankato Campus	ACTIVE	Diploma	60	Land	
47.020103 HVAC/R - Foundation	South Central College	5183	North Mankato Campus	ACTIVE	Diploma	44	Land	
47.020114 Refrigeration Technology	South Central College	5183	North Mankato Campus	ACTIVE	Certificate	26	Land	
47.020103 Commercial Heating, Air Conditioning and Refrigeration Technology	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	66	Land	
47.020101 Heating, Air Conditioning and Refrigeration Technology	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	72	Land	
47.020104 Residential Heating, Air Conditioning, and Refrigeration Technology	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	35	Land	
47.0302 HEAVY EQUIPMENT MAINTENANCE TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills in the field maintenance and repair of heavy equipment, and in the general maintenance and overhaul of such equipment. Includes instruction in inspection, maintenance, and repair of tracks, wheels, brakes, operating controls, pneumatic and hydraulic systems, electrical circuitry, engines and in techniques of welding and brazing. Examples: [Heavy Duty Equipment Mechanic], [Heavy Duty Equipment Technician], [Heavy Duty Equipment Technician (Off Road)], [Heavy Equipment Service Technician]							F	Y
47.030201 Heavy Construction Equipment Maintenance	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	28	Land	
47.030201 Heavy Construction Equipment Mechanic	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	64	Land	
47.030201 Heavy Construction Equipment Technology	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	72	Land	
47.030202 Diesel Mechanics and Heavy Equipment Maintenance	Hibbing Community College, A Technical and Community College	5040	Hibbing Campus	ACTIVE	Diploma	65	Land	

Cluster: Manufacturing

Pathway: Health, Safety and Environmental Assurance

15.0703 INDUSTRIAL SAFETY TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills to assist engineers and other professionals in implementing and enforcing industrial safety standards. Includes instruction in industrial processes, industrial hygiene, toxicology, ergonomics, system and process safety, safety performance measurement, human factors, human behavior, and applicable law and regulations.

15.070301 Safety Coordinator	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	NEW	Certificate	30	Land	
15.070301 Occupational Safety and Health	Northwest Technical College	5492	Bemidji-NTC Campus	NEW	AAS	60	Either	
15.070300 Occupational Safety and Health	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	17	Either	
15.070302 Safety Technician	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	14	Land	

Pathway: Maintenance, Installation and Repair

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
15.0305 TELECOMMUNICATIONS TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills to help design and implement telecommunications systems. Includes instruction in communications protocol, data networking, digital compression algorithms, digital signal processing, Internet access, object-oriented and relational databases, and programming languages. Examples: [Wireless Communications Technician], [Telecommunications Engineering Technology/Technician]						F	Y
15.030517 Telecommunications	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	AAS	60	Land	
15.030519 Telecommunications	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Certificate	30	Land	
15.030501 Wireless Communications Electronics	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	72	Land	
15.030501 Wireless Communications Electronics	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	72	Land	
15.0607 PLASTICS AND POLYMER ENGINEERING TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing and using industrial polymers. Includes instruction in the principles of macromolecular chemistry, polymerization and plastic manufacturing processes and equipment, design and operational testing procedures, equipment maintenance and repair procedures, safety procedures, applications to specific products, and report preparation.						F	Y
15.060714 Extrusion Molding	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	18	Land	
15.060712 Injection Molding	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	23	Land	
15.060701 Plastics Engineering Technology	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	36	Land	
15.060713 Scientific Injection Molding Specialist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	NEW	Certificate	12	Land	
15.060701 Plastic Injection Molding	Northland Community and Technical College	5509 EACE - Northland Community and Technical Colleg	ACTIVE	Certificate	17	Land	
15.1103 HYDRAULICS AND FLUID POWER TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing and using fluid power and transportation systems. Includes instruction in fluid mechanics and hydraulics principles, fluid power systems, pipeline and pumping systems, design and operational testing, inspection and maintenance procedures, related instrumentation, and report preparation.						F	Y
15.110303 Fluid Power Engineering Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
15.110312 Fluid Power Engineering Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	66	Land	
15.110315 Fluid Power Mechanic	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	34	Land	
15.110304 Hydraulic Engineering Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
15.110313 Hydraulic Engineering Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
15.110304 National Certified Fluid Power Specialist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	10	Land	
15.110305 Pneumatic Engineering Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
15.110314 Pneumatic Engineering Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
15.110301 Fluid Power Technology	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	AAS	72	Land	
15.110301 Fluid Power Technology	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Diploma	67	Land	
15.1203 COMPUTER HARDWARE TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills to support engineers in designing computer hardware and peripheral systems. Includes instruction in computer systems design, computer architecture, computer electronics, processors, peripherals, testing equipment, and computer manufacturing processes.						B	Y
15.120301 A+ Personal Computer Support Technician	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	34	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
15.120301 A+ Personal Computer Support Technician	South Central College	5183 Faribault Campus	ACTIVE	Certificate	15	Land	
41.0205 NUCLEAR/NUCLEAR POWER TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply scientific principles and technical skills in support of research scientists and operating engineers engaged in the running of nuclear reactors, and in nuclear materials processing and disposal. Includes instruction in basic nuclear physics and nuclear engineering, monitoring and safety procedures, radioactive materials handling and disposal, equipment maintenance and operation, and record keeping.						F	Y
41.020500 Nuclear Energy	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	16	Either	
47.0101 ELECTRICAL/ELECTRONICS EQUIPMENT INSTALLATION AND REPAIR, GENERAL. A program that generally prepares individuals to apply technical knowledge and skills to operate, maintain, and repair electrical and electronic equipment. Includes instruction in electrical circuitry, simple gearing, linkages and lubrication of machines and appliances, and the use of testing equipment. Examples: [Electric Motor System Technician], [Electric Motor Winder], [Electrical Rewind Mechanic], [Winder Electrician]						F	Y
47.010106 Audio Visual Installation Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	36	Land	
47.0104 COMPUTER INSTALLATION AND REPAIR TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to assemble, install, operate, maintain, and repair computers and related instruments. Includes instruction in power supplies, number systems, memory structure, buffers and registers, microprocessor design, peripheral equipment, programming, and networking.						F	Y
47.010401 Microcomputer Technology	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	64	Land	
47.010401 Computer Maintenance and Repair	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Certificate	30	Land	
47.0106 APPLIANCE INSTALLATION AND REPAIR TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to repair, install, and service major gas, electric, and microwave consumer appliances such as stoves, refrigerators, dryers, water heaters, washers, dishwashers, and commercial units such as ice makers and coffee makers. Examples: [Appliance Service Technician]						F	Y
47.010601 Residential Major Appliance Technician	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	32	Land	
47.0303 INDUSTRIAL MECHANICS AND MAINTENANCE TECHNOLOGY. A program that prepares individuals to apply technical knowledge and skills to repair and maintain industrial machinery and equipment such as cranes, pumps, engines and motors, pneumatic tools, conveyor systems, production machinery, marine deck machinery, and steam propulsion, refinery, and pipeline-distribution systems. Examples: [Industrial Plant Technician], [Industrial Equipment Technology], [Industrial Mechanic], [Millwright]						F	Y
47.030331 Distributed Electrical Generation Technician	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land	
47.030331 Distributed Electrical Generation Technician	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	72	Land	
47.030331 Power Generator Specialist	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	16	Land	
47.030301 Manufacturing Maintenance Technician	Central Lakes College	5008 Staples Campus	ACTIVE	Diploma	64	Land	
47.030301 Industrial Maintenance Mechanic	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	18	Land	
47.030302 Industrial Systems Technology	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	NEW	AAS	60	Land	
47.030301 Industrial Technology	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	64	Land	
15.090100 Mining			ACTIVE	EMPH	15		
47.030301 Industrial Mechanical Technology	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	AAS	62	Land	
47.030301 Industrial Mechanical Technology	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	60	Land	
47.030300 Industrial Technology	Mesabi Range Community and Technical College	5535 Ely Campus	ACTIVE	AAS	63	Land	
15.090101 Mining			ACTIVE	EMPH	13		
15.090102 Mining			ACTIVE	EMPH	13		
47.030302 Industrial Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	AAS	62	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
47.030302 Industrial Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	34	Land		
47.030301 Industrial Maintenance	Minnesota State Community and Technical College	5501 Wadena Campus	ACTIVE	Diploma	39	Land		
47.030301 Industrial Maintenance	Minnesota State Community and Technical College	5486 EACE - MN State Community & Technical College	ACTIVE	Diploma	39	Land		
47.030301 Industrial Mechanical Maintenance	Minnesota State Community and Technical College	5486 EACE - MN State Community & Technical College	ACTIVE	AAS	69	Land		
47.030301 Industrial Mechanical Maintenance	Minnesota State Community and Technical College	5486 EACE - MN State Community & Technical College	ACTIVE	Certificate	21	Land		
47.030301 Industrial Mechanical Maintenance	Northwest Technical College	5494 EACE - Northwest Technical College - Bemidji	ACTIVE	AAS	69	Land		
47.030301 Industrial Mechanical Maintenance	Northwest Technical College	5494 EACE - Northwest Technical College - Bemidji	ACTIVE	Certificate	21	Land		
47.030301 Industrial Mechanical Maintenance	Northwest Technical College	5494 EACE - Northwest Technical College - Bemidji	ACTIVE	Diploma	39	Land		
47.030301 Industrial Technology	Rainy River Community College	5111 International Falls Campus	ACTIVE	AAS	60	Land		
47.030301 Industrial Technology	Rainy River Community College	5111 International Falls Campus	ACTIVE	Certificate	24	Land		
47.030301 Industrial Technology	Rainy River Community College	5111 International Falls Campus	ACTIVE	Diploma	60	Land		
47.030301 Industrial Maintenance and Mechanics	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	69	Land		
47.030301 Production Technician I	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	19	Land		
47.030330 Energy Process Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	65	Land		
15.050312 Energy Production			ACTIVE	EMPH	65			
15.050313 Process Plant Technology			ACTIVE	EMPH	65			
47.030331 Energy Process Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	19	Land		
47.0402 GUNSMITHING/GUNSMITH. A program that prepares individuals to apply technical knowledge and skills to make, repair, maintain, and modify firearms according to blueprints or customer specifications, using specialized hand tools and machines.							B	Y
47.040202 Advanced Gunsmithing	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	Diploma	68	Land		
47.040201 Gun Repair	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	Certificate	24	Land		
47.040203 Manufacturing Technology - Prototyping Gunsmith	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	Diploma	44	Land		
47.0404 MUSICAL INSTRUMENT FABRICATION AND REPAIR. A program that prepares individuals to apply technical knowledge and skills to make, repair, maintain, and tune acoustic and electric musical instruments. Includes instruction in methods and equipment for making musical instruments, electronic instrument amplification systems, techniques of cleaning, and methods of tuning musical instruments.							F	Y
47.040416 Band Instrument Repair	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Diploma	42	Land		
47.040402 Electric Guitar Building	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Certificate	16	Land		
47.040417 Guitar Development and Production	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Diploma	39	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
47.040418 Guitar Repair and Building	Minnesota State College-Southeast Technical	5113	Red Wing Campus	ACTIVE	Diploma	39	Land		
47.040419 Violin Repair	Minnesota State College-Southeast Technical	5113	Red Wing Campus	ACTIVE	Diploma	39	Land		
47.0408 WATCHMAKING AND JEWELRYMAKING. A program that prepares individuals to apply technical knowledge and skills to make repairs, and maintain timepieces, time-measuring devices, and jewelry items. Includes instruction in mechanical timekeeping systems, digital timekeeping systems, timesetting, casting, engraving, polishing, stonemasonry, soldering, fine microscopic work, equipment and tool maintenance, redesign and restyling techniques, and customer relations.								F	Y
47.040802 Jewelry Manufacturing	Minnesota State College-Southeast Technical	5113	Red Wing Campus	NEW	Certificate	20	Land		
47.040801 Jewelry Manufacturing and Repair	Minnesota State College-Southeast Technical	5113	Red Wing Campus	NEW	Diploma	32	Land		
47.040803 Jewelry Repair	Minnesota State College-Southeast Technical	5113	Red Wing Campus	NEW	Certificate	20	Land		
Pathway: Manufacturing Production Process Development									
15.0404 INSTRUMENTATION TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers engaged in developing control and measurement systems and procedures. Includes instruction in instrumentation design and maintenance, calibration, design and production testing and scheduling, automated equipment functions, applications to specific industrial tasks, and report preparation. Examples: [Industrial Instrument Mechanic], [Instrumentation and Control Technician]								F	Y
15.040407 Calibration Engineering Technology	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	AAS	72	Land		
15.040451 Calibration Engineering Technology	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Certificate	23	Land		
15.040408 Calibration Engineering Technology	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	64	Land		
15.040407 Measurement Sciences Technology	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	64	Land		
15.040412 Nuclear Industry Ultrasonic Technician	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	NEW	Diploma	58	Land		
15.040406 Process Controls	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	AAS	72	Land		
15.040409 Process Controls Technician	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	51	Land		
15.040452 Process Controls Technology	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Certificate	30	Land		
15.040401 Instrumentation and Process Control Technology	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	64	Land		
15.040401 Instrumentation and Process Control Technology	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	60	Land		
15.0406 AUTOMATION ENGINEER TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing, installing, calibrating, modifying and maintaining automated systems. Includes instruction in computer systems; electronics and instrumentation; programmable logic controllers (PLCs); electric, hydraulic and pneumatic control systems; actuator and sensor systems; process control; robotics; applications to specific industrial tasks; and report preparation.									Y
15.040600 Automated Controls	Alexandria Technical and Community College	2001	EACE - Alexandria Technical College	ACTIVE	Certificate	17	Land		
15.040600 Mechatronics	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AAS	72	Land		
15.040601 Mechatronics	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	72	Land		
15.040600 Automation Technologies	Central Lakes College	1005	Virtual - Central Lakes College	ACTIVE	Certificate	30	Online		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
15.040602 Mechatronics	Central Lakes College	5008 Staples Campus	ACTIVE	Diploma	38	Land		
15.040600 Robotics/Automated Systems Technology	Central Lakes College	5008 Staples Campus	ACTIVE	AAS	78	Land		
15.040601 Robotics/Automated Systems Technology	Central Lakes College	5008 Staples Campus	ACTIVE	Diploma	66	Land		
15.040612 Automated Machinery Adjuster	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Diploma	33	Land		
15.040611 Automated Machinery Systems	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Diploma	64	Land		
15.040602 Automation Robotics Engineering Technology	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	AAS	72	Land		
15.040601 Automation Technology	Northland Community and Technical College	1039 Virtual - Northland Community and Technical Colleg	ACTIVE	Certificate	30	Online		
15.040601 Electronics Technology/Automated Systems	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	AAS	64	Land		
15.040600 Automation Technology	Northwest Technical College	1040 Virtual - Northwest Technical College - Bemidji	ACTIVE	Certificate	30	Online		
15.040600 Automation Technology	Pine Technical College	1026 Virtual - Pine Technical College	ACTIVE	Certificate	30	Online		
15.040600 Automated Systems Engineering Technology	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	24	Land		
15.040600 Automation and Robotic Systems Technology	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	72	Land		
15.040601 Automation and Robotic Systems Technology	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	64	Land		
15.040600 Automation Technologies	Riverland Community College, A Technical & Community College	1029 Virtual - Riverland Community College	ACTIVE	Certificate	30	Online		
15.040601 Basic Mechatronics Engineering Technology	South Central College	5183 Faribault Campus	ACTIVE	Certificate	19	Land		
15.040601 Fundamentals of Mechatronics Technology	South Central College	5183 Faribault Campus	ACTIVE	Certificate	9	Land		
15.040600 Intermediate Mechatronics Engineering Technology	South Central College	5183 Faribault Campus	ACTIVE	Diploma	38	Land		
15.040600 Mechatronics Engineering Technology	South Central College	5183 Faribault Campus	NEW	AAS	71	Land		
15.040600 Automation Technology	St. Cloud Technical and Community College	1034 Virtual - St. Cloud Technical and Community Colleg	ACTIVE	Certificate	30	Online		
15.040600 Mechatronics Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	64	Land		
15.040600 Mechatronics Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Certificate	30	Land		
15.040600 Mechatronics Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	60	Land		
15.0612 INDUSTRIAL TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of industrial engineers and managers. Includes instruction in optimization theory, human factors, organizational behavior, industrial processes, industrial planning procedures, computer applications, and report and presentation preparation.							F	N
15.061200 Industrial Technology	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land		
15.061220 Manufacturing Technology			ACTIVE	EMPH	16			
15.061319 Manufacturing Management			ACTIVE	EMPH	16			
52.200119 Construction Management			ACTIVE	EMPH	16			

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
15.061202 Technology Management	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BAS	120	Either	
15.061201 3D Model Development and Design	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	60	Land	
15.061200 Technology Management	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
15.061201 Industrial Technology			ACTIVE	EMPH	27		
52.200102 Construction Management			ACTIVE	EMPH	33		
15.0613 MANUFACTURING ENGINEERING TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills to the identification and resolution of production problems in the manufacture of products. Includes instruction in machine operations, production line operations, engineering analysis, systems analysis, instrumentation, physical controls, automation, computer-aided manufacturing (CAM), manufacturing planning, quality control, and informational infrastructure.						F	N
15.061301 Manufacturing Technician	Central Lakes College	5008 Staples Campus	ACTIVE	Certificate	18	Land	
15.061300 Production Technologies	Central Lakes College	1005 Virtual - Central Lakes College	ACTIVE	Certificate	15	Online	
15.061301 Manufacturing Maintenance Technician	Dakota County Technical College	2007 EACE - Dakota County Technical College	ACTIVE	Diploma	34	Land	
15.061301 Manufacturing Engineering Technology	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
15.061300 Manufacturing Fundamentals (M-Powered)	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	16	Land	
15.061307 Industrial Technology - Power Generation	Itasca Community College	5046 Grand Rapids Campus	NEW	AAS	60	Land	
15.061301 Computer Integrated Manufacturing	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	29	Land	
15.061305 Process Automation Systems	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	AAS	72	Land	
15.061305 Process Automation Systems	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	64	Land	
15.061303 Alternative Energy Manufacturing	Minnesota State Community and Technical College	5486 EACE - MN State Community & Technical College	ACTIVE	Diploma	39	Land	
15.061301 Manufacturing Technician	Minnesota State Community and Technical College	5486 EACE - MN State Community & Technical College	ACTIVE	Certificate	19	Land	
15.061302 Manufacturing Technology	Minnesota State Community and Technical College	5486 EACE - MN State Community & Technical College	ACTIVE	Diploma	37	Land	
15.061301 Manufacturing Engineering Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	128	Land	
15.061301 Manufacturing Engineering Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
15.061300 Manufacturing Principles	Northland Community and Technical College	5509 EACE - Northland Community and Technical Colleg	ACTIVE	Certificate	12	Land	
15.061300 Manufacturing Technology	Northland Community and Technical College	5509 EACE - Northland Community and Technical Colleg	ACTIVE	AS	60	Land	
15.061300 Production Technologies	Northland Community and Technical College	1039 Virtual - Northland Community and Technical Colleg	ACTIVE	Certificate	15	Online	
15.061301 Manufacturing Engineering Technology	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	72	Either	
15.061301 Manufacturing Technician	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	19	Either	
15.061301 Manufacturing Technology	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	37	Either	
15.061300 Production Technologies	Northwest Technical College	1040 Virtual - Northwest Technical College - Bemidji	ACTIVE	Certificate	15	Online	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
15.061300 Production Technologies	Pine Technical College	1026 Virtual - Pine Technical College	ACTIVE	Certificate	15	Online		
15.061301 Manufacturing Technical Specialist	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	AAS	68	Land		
15.061301 Manufacturing Technical Specialist	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	68	Land		
15.061300 Production Technologies	Riverland Community College, A Technical & Community College	1029 Virtual - Riverland Community College	ACTIVE	Certificate	15	Online		
15.061306 Manufacturing Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	72	Land		
15.061300 Production Technologies	Saint Paul College - A Community and Technical College	1035 Virtual - Saint Paul College	ACTIVE	Certificate	15	Online		
15.061300 Production Technologies	St. Cloud Technical and Community College	1034 Virtual - St. Cloud Technical and Community Colleg	ACTIVE	Certificate	15	Online		
15.1302 CAD/CADD DRAFTING AND/OR DESIGN TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical skills and advanced computer software and hardware to the creation of graphic representations and simulations in support of engineering projects. Includes instruction in engineering graphics, two-dimensional and three-dimensional engineering design, solids modeling, engineering animation, computer-aided drafting (CAD), computer-aided design (CADD), and auto-CAD techniques. Examples: [Engineering Graphics and Design], [Engineering Graphics Technology]							F	Y
15.130201 Advanced CAD Drafting	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	30	Land		
15.130201 Digital Fabrication Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land		
15.130201 Engineering CAD Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land		
15.130201 Auto CAD Operator	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	17	Land		
15.130201 Engineering CAD Technology	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land		
15.130201 Engineering CAD Technology	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land		
15.130204 Pro ENGINEER Operator	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	17	Land		
15.130203 SolidWorks Operator	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	17	Land		
15.130209 Advanced Inventor (CAD)	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	18	Land		
15.130208 Engineering CAD Technician	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	24	Land		
15.130202 Integrated Manufacturing - Engineering CAD Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	68	Land		
15.130202 Integrated Manufacturing - Engineering CAD Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	60	Land		
15.130207 Solidworks (CAD)	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	18	Land		
15.130201 Computer Aided Design (CAD) Drafting Technologies	Minnesota State College-Southeast Technical	1018 Virtual - Minnesota State College-Southeast Techni	ACTIVE	AAS	72	Online		
15.130201 Computer Aided Design (CAD) Drafting Technologies	Minnesota State College-Southeast Technical	1018 Virtual - Minnesota State College-Southeast Techni	ACTIVE	Diploma	64	Online		
15.130201 Computer Aided Drafting (CAD) Technologies	Minnesota State College-Southeast Technical	1018 Virtual - Minnesota State College-Southeast Techni	ACTIVE	Certificate	9	Online		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
15.130201 CAD Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	29	Land		
15.130201 Computer Aided Drafting and Design	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	69	Land		
15.130201 Computer Aided Drafting and Design	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	64	Land		
15.130201 CAD (Computer Aided Drafting) Technology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	72	Land		
15.130201 CAD (Computer Aided Drafting) Technology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	68	Land		
15.1306 MECHANICAL DRAFTING AND MECHANICAL DRAFTING CAD/CADD. A program that prepares individuals to apply technical knowledge and skills to develop working drawings and electronic simulations in support of mechanical and industrial engineers, and related professionals. Includes instruction in manufacturing materials and processes, mechanical drafting, electrode-mechanical drafting, basic metallurgy, geometric dimensioning and tolerancing, blueprint reading, and technical communication.							F	Y
15.130603 Mechanical Drafting, Design and Engineering Technology	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land		
15.130603 Mechanical Drafting, Design and Engineering Technology	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	69	Land		
15.130604 Mechanical Drafting and Design - CAD Drafter	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	69	Land		
15.130601 Mechanical Drafting and Design - CAD Drafter	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	58	Land		
15.130601 Mechanical Drafting and Design	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AAS	72	Land		
15.130601 Mechanical Drafting and Design	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	60	Land		
15.130601 Precision Manufacturing Technology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	41	Land		
15.130602 Mechanical Design and Manufacturing Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	ATC	20	Land		
15.130603 Mechanical Design Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	65	Land		
15.130603 Mechanical Design Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	64	Land		
19.0902 APPAREL AND TEXTILE MANUFACTURE. A program that focuses on the design, development, and production of textile products and related processes and systems. Includes instruction in functional and aesthetic design, human factors research, production planning, manufacturing processes, quality assessment, and distribution systems.							B	Y
19.090204 Advanced Apparel Technologies	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	14	Land		
19.090203 Apparel Technologies	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	15	Land		
19.090201 Apparel Technologies	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	32	Land		
41.0204 INDUSTRIAL RADIOLOGIC TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply scientific principles and technical skills to the operation of industrial and research testing equipment using radioisotopes. Includes instruction in x-ray analysis of materials, nondestructive testing and inspection of materials, and continuous measurement of paper or metal thickness.							B	Y
41.020400 Nondestructive Testing Technology	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	77	Land		
41.020400 Nondestructive Testing Technology	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	23	Land		
41.020400 Nondestructive Testing Technology	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	72	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
41.0301 CHEMICAL TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply scientific principles and technical skills in support of chemical and biochemical research and industrial operations. Includes instruction in principles of chemistry and biochemistry, technical mathematics, computer applications, radiochemistry, industrial biochemistry, chemical instrumentation, physical chemistry, laboratory research methods, industrial processing methods and equipment, and test equipment operation and maintenance.						F	Y
41.030101 Chemical Laboratory Assistant	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	25	Land	
41.030101 Chemical Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AS	60	Land	
41.030101 Chemical Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	27	Land	
41.030101 Chemical Technology	Vermilion Community College	5053 Ely Campus	NEW	AAS	68	Land	
48.0510 COMPUTER NUMERICALLY CONTROLLED (CNC) MACHINIST TECHNOLOGY/CNC MACHINIST. A program that prepares individuals to apply technical knowledge and skills to operate computer numerically controlled (CNC) machine tools, such as lathes, mills, precision measuring tools, and related attachments and accessories, to perform machining functions, such as cutting, drilling, shaping, and finishing products and component parts. Includes instruction in CNC terminology, setup, programming, operations, and troubleshooting; blueprint reading; machining; lathe and mill operations; technical mathematics; computer literacy; CAD/CAM systems; shop and safety practices; equipment capabilities; and regulations and laws.							Y
48.051006 CNC Machinist	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	50	Land	
48.051002 CNC Manufacturing Technology	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	72	Land	
48.051007 CNC Manufacturing Technology	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	63	Land	
48.051004 CNC Operator	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	30	Land	
48.051006 CNC Swiss Turning Center Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	9	Land	
48.051005 Computer Numerical Control (CNC) Setup Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	17	Land	
48.051002 Computer Numerical Control (CNC) Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
48.051002 Computer Numerical Control (CNC) Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
48.051013 Integrated Manufacturing Technology - Automated Machining	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	16	Land	
48.051004 Integrated Manufacturing Technology - CNC Machine Programmer	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	71	Land	
48.051013 Integrated Manufacturing Technology - CNC Machine Programmer	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	64	Land	
48.051014 Integrated Manufacturing Technology - CNC Operator	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	46	Land	
48.051000 Computerized (CNC) Precision Machining Technology	Minnesota State College-Southeast Technical	5114 Winona-MS-Campus	ACTIVE	Diploma	64	Land	
48.051012 Computer Controlled Precision Machining	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	Diploma	44	Land	
48.051000 Computer Controlled Precision Manufacturing	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	AAS	60	Land	
48.051002 CNC Precision Manufacturing Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	72	Land	
48.051002 CNC Precision Manufacturing Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	64	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
48.051002 Computer Numerical Control	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	11	Land	
48.051000 CNC Programming	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	16	Land	
48.051000 Machine Tool	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	48	Land	
48.051002 Computer Integrated Machining	South Central College	5183 Faribault Campus	ACTIVE	AAS	72	Land	
48.051003 Computer Integrated Machining	South Central College	5183 Faribault Campus	ACTIVE	Certificate	20	Land	
48.051013 Computer Integrated Machining	South Central College	5183 Faribault Campus	ACTIVE	Diploma	66	Land	
Pathway: Production							
48.0000 PRECISION PRODUCTION TRADES, GENERAL. A program that generally prepares individuals to apply technical knowledge and skills in creating products using precision crafting and technical illustration.						B	Y
48.000001 Manufacturing Production Technician	Anoka Technical College	2003 EACE - Anoka Technical College	ACTIVE	Certificate	12	Land	
48.0501 MACHINE TOOL TECHNOLOGY/MACHINIST. A program that prepares individuals to apply technical knowledge and skills to plan, manufacture, assemble, test, and repair parts, mechanisms, machines, and structures in which materials are cast, formed, shaped, molded, heat treated, cut, twisted, pressed, fused, stamped or worked. Examples: [General Machinist], [Machinist]						F	Y
48.050102 Machine Tool Technology	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land	
48.050101 Machine Tool Technology	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	72	Land	
48.050106 Machinist	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	32	Land	
48.050103 Multi-Axis Machining Advanced	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	9	Land	
48.050102 Machine Tool Technology	Central Lakes College	5008 Staples Campus	ACTIVE	AAS	60	Land	
48.050103 Machine Tool Technology	Central Lakes College	5008 Staples Campus	ACTIVE	Diploma	44	Land	
48.050100 CNC Machining for Wood and Plastic	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	12	Land	
48.050114 Integrated Manufacturing Technology - Manual Machinist	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	30	Land	
48.050101 Machine Tool Technologies	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	64	Land	
48.050113 Manufacturing Technology - Prototype/Reverse Engineering	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	Certificate	16	Land	
48.050101 Machine Tool Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	72	Land	
48.050101 Machine Tool Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	68	Land	
48.0503 MACHINE SHOP TECHNOLOGY/ASSISTANT. A program that prepares individuals to apply technical knowledge and skills to fabricate and modify metal parts in support of other manufacturing, repair or design activities, or as an independent business.						F	Y
48.050300 Machine Technology	Central Lakes College	1005 Virtual - Central Lakes College	ACTIVE	Certificate	30	Online	
48.050301 Basic Machinist	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	37	Land	
48.050301 Machining Basics	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	16	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
48.050300 Machine Technology	Northland Community and Technical College	1039 Virtual - Northland Community and Technical College	ACTIVE	Certificate	30	Online	
48.050300 Machine Technology	Northwest Technical College	1040 Virtual - Northwest Technical College - Bemidji	ACTIVE	Certificate	30	Online	
48.050300 Machine Technology	Pine Technical College	1026 Virtual - Pine Technical College	ACTIVE	Certificate	30	Online	
48.050301 Precision Machining	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	Certificate	29	Land	
48.050302 Machining Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	32	Land	
48.050300 Machine Technology	Saint Paul College - A Community and Technical College	1035 Virtual - Saint Paul College	ACTIVE	Certificate	30	Online	
48.050300 Machine Technology	St. Cloud Technical and Community College	1034 Virtual - St. Cloud Technical and Community College	ACTIVE	Certificate	30	Online	
48.0506 SHEET METAL TECHNOLOGY/SHEETWORKING. A program that prepares individuals to apply technical knowledge and skills to form, shape, bend and fold extruded metals, including the creation of new products, using hand tools and machines such as cornice brakes, forming rolls, and squaring shears. Examples: [Sheet Metal Worker]						F	Y
48.050601 Sheet Metal Technology	Lake Superior College	5047 Duluth Campus	NEW	AAS	60	Land	
48.050601 Sheet Metal Technology	Lake Superior College	2014 EACE - Lake Superior College	ACTIVE	Diploma	46	Land	
48.050601 Sheet Metal	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	40	Land	
48.0507 TOOL AND DIE TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to operate machine tools used in the forming of metal components, as well as the fabrication of special tools, dies, jigs and fixtures used in cutting, working and finishing metal components. Examples: [Tool and Die Maker]						F	Y
48.050724 Tool and Die/Moldmaking	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
48.050724 Tool and Die/Moldmaking	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
48.050713 Die Making Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	72	Land	
48.050713 Die Making Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	64	Land	
48.050712 Mold Making Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	72	Land	
48.050712 Mold Making Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	64	Land	
48.0508 WELDING TECHNOLOGY/WELDER. A program that prepares individuals to apply technical knowledge and skills to join or cut metal surfaces. Includes instruction in arc welding, resistance welding, brazing and soldering, cutting, high-energy beam welding and cutting, solid state welding, ferrous and non-ferrous materials, oxidation-reduction reactions, welding metallurgy, welding processes and heat treating, structural design, safety, and applicable codes and standards. Examples: [Arc Welding], [Flux-Core Arc Welding], [Gas Metal Arc Welding], [Gas Tungsten Arc Welding], [Shielded Metal Arc Welding], [Structural Steel Welding], [Tungsten Inert Gas (TIG) Welding], [Pipe Welding], [Wire Welding], [Industrial Welder], [Welder], [Metal Inert Gas (MIG) Welding]						F	Y
48.050801 Welding Technology	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	44	Land	
48.050815 Advanced Welding	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	17	Land	
48.050816 Basic Welding	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	17	Land	
48.050814 Fabricator	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	17	Land	
48.050813 Pipe Welder	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	17	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
48.050801 Welding	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	67	Land
48.050812 Manufacturing Welding Technician	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	64	Land
48.050801 Welding and Fabrication	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	64	Land
48.050812 Welding and Fabrication	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	44	Land
48.050801 Welding Technology	Central Lakes College	1005 Virtual - Central Lakes College	ACTIVE	Certificate	30	Online
48.050801 Welding Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	36	Land
48.050810 GMAW Production Welder (MIG)	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	17	Land
48.050811 GTAW Production Welder (TIG)	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	17	Land
48.050809 Structural Iron and Repair	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	23	Land
48.050812 Welding	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	54	Land
48.050802 Gas Metal Arc Welding Production Welder	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	18	Land
48.050803 Gas Tungsten Arc Welding Production Welder	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	18	Land
48.050801 Integrated Manufacturing Technology - Welding	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	63	Land
48.050812 Advanced Welding	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	64	Land
48.050813 Entry Level Welding	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	32	Land
48.050801 Welding and Metal Fabrication	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	30	Land
48.050803 Industrial Technology Welding Specialist	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	16	Land
48.050801 Welding Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	34	Land
48.050801 Production Welding	Minnesota State Community and Technical College	5486 EACE - MN State Community & Technical College	ACTIVE	Certificate	15	Land
48.050803 Production Welding	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	16	Land
48.050804 Welding Process Technology	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	17	Land
48.050801 Welding Process Technology	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Diploma	34	Land
48.050801 Welding Technology	Northland Community and Technical College	1039 Virtual - Northland Community and Technical Colleg	ACTIVE	Certificate	30	Online
48.050801 Welding Technology	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Diploma	36	Land
48.050801 Welding Technology	Northwest Technical College	1040 Virtual - Northwest Technical College - Bemidji	ACTIVE	Certificate	30	Online
48.050801 Welding Technology	Pine Technical College	1026 Virtual - Pine Technical College	ACTIVE	Certificate	30	Online
48.050801 Entry Level Welder	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	13	Land
48.050801 Industrial Welding	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	72	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode
48.050802 Industrial Welding	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Diploma	64	Land
48.050801 Welding	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	32	Land
48.050802 Welding	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	Certificate	16	Land
48.050841 Welding	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	32	Land
48.050801 Welding Technology	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	72	Land
48.050801 Welding Technology	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	67	Land
48.050801 Welding Technology	St. Cloud Technical and Community College	1034	Virtual - St. Cloud Technical and Community Colleg	ACTIVE	Certificate	30	Online
48.050801 Welding/Fabrication	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	37	Land

Pathway: *Quality Assurance*

15.0702 QUALITY CONTROL TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in maintaining consistent manufacturing and construction standards. Includes instruction in quality control systems management principles, technical standards applicable to specific engineering and manufacturing projects, testing procedures, inspection procedures, related instrumentation and equipment operation and maintenance, and report preparation.

B Y

15.070200 Quality Improvement	Dakota County Technical College	5029	Apple Valley Higher Education site	ACTIVE	Certificate	16	Land
15.070201 Performance Improvement	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	16	Land
15.070200 Quality	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	16	Land
15.070200 Quality	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Certificate	14	Land
15.070200 Quality	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	Certificate	10	Either
15.070200 Quality/Continuous Improvement & Productivity	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	12	Land
15.070200 Quality and Productivity	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Certificate	10	Land
15.0799 QUALITY CONTROL AND SAFETY TECHNOLOGIES/TECHNICIANS, OTHER. Any instructional program in quality control and safety technologies not listed above. Examples: [Non-Destructive Testing Technology]							B N
15.079900 Medical Technology Quality	St. Cloud State University	5643	6401 Sycamore Ct N., Maple Grove	PRENEW	MS	33	Land

Cluster: *Science, Technology, Engineering and Mathematics*

Pathway: *Engineering and Technology*

14.0101 ENGINEERING, GENERAL. A program that generally prepares individuals to apply mathematical and scientific principles to solve a wide variety of practical problems in industry, social organization, public works, and commerce. Includes instruction in undifferentiated and individualized programs in engineering.

F N

14.010101 Engineering	Minnesota State University, Mankato	5050	7700 France Ave. South, Edina	ACTIVE	MS	32	Land
14.100112 Electrical Engineering				ACTIVE	EMPH	10	
14.100113 Electrical/Mechanical Engineering				ACTIVE	EMPH	10	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
14.100115 Electrical Engineering			ACTIVE	EMPH	10		
14.190112 Mechanical Engineering			ACTIVE	EMPH	10		
14.190115 Mechanical Engineering			ACTIVE	EMPH	10		
14.190116 Electrical/Mechanical Engineering			ACTIVE	EMPH	10		
14.190117 BS Mechanical Engineering/MS Engineering			ACTIVE	EMPH	148		
14.190118 BS Electrical Engineering/MS Engineering			ACTIVE	EMPH	148		
14.010101 General Engineering	Minnesota State University, Mankato	6002 Virginia Campus	NEW	BSE	128	Land	
14.010101 Modeling and Simulation	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	12	Land	
14.0102 PRE-ENGINEERING. A program that prepares individuals for admission or transfer to a baccalaureate-level program in any of the fields of engineering. Examples: [Pre-Engineering Transfer Program]							Y
14.010200 Engineering	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Land	
14.010200 Engineering	Central Lakes College	5007 Brainerd Campus	ACTIVE	AS	64	Land	
14.010200 Engineering	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AS	60	Land	
14.010200 Engineering	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AS	60	Land	
14.010200 Engineering Fundamentals	Inver Hills Community College	5041 Inver Grove Heights Campus	NEW	AS	60	Land	
14.010200 Engineering	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	AS	60	Land	
14.010200 Engineering	Minnesota State Community and Technical College	5490 Fergus Falls Campus	NEW	AS	60	Land	
14.010200 Engineering Foundations	Normandale Community College	5074 Bloomington Campus	ACTIVE	AS	60	Land	
14.010200 Pre-Engineering	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	62	Land	
14.010200 Engineering	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land	
14.010200 Pre-Engineering	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AS	60	Land	
14.010200 Engineering Foundations	South Central College	5183 North Mankato Campus	NEW	AS	60	Land	
14.0501 BIOENGINEERING AND BIOMEDICAL ENGINEERING. A program that prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of biomedical and health systems and products such as integrated biomedical systems, instrumentation, medical information systems, artificial organs and prostheses, and health management and care delivery systems. Examples: [Cell and Tissue Engineering], [Neural Engineering], [Biomaterials Engineering], [Biomechanics]							F
14.050100 Applied Engineering - Biomedical Device Technology	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	NEW	AS	60	Land	Y
14.0801 CIVIL ENGINEERING, GENERAL. A program that generally prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of structural, load-bearing, material moving, transportation, water resource, and material control systems; and environmental safety measures.							F
14.080101 Civil Engineering	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BSCE	128	Land	N
14.1001 ELECTRICAL AND ELECTRONICS ENGINEERING A program that prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of electrical and electronic systems and their components, including electrical power generation systems; and the analysis of problems such as superconductor, wave propagation, energy storage and retrieval, and reception and amplification. Examples: [Electrical Engineering], [Total Ship Systems Engineering], [Electrodynamic Engineering]							F
14.100101 Electrical Engineering	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BSEE	128	Land	N

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
14.100101 Electrical Engineering	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	127	Land		
14.1801 MATERIALS ENGINEERING. A program that prepares individuals to apply mathematical and materials science principles to the design, development and operational evaluation of materials and related processes used in manufacturing in a wide variety of settings; the synthesis of new industrial materials, including marrying and bonding composites; analysis of materials requirements and specifications; and related problems of system design dependent on materials factors. Examples: [Materials Processing and Manufacturing], [Materials Science Engineering]								F	N
14.180101 Composite Materials Engineering	Winona State University	5169	Winona-WSU Campus	ACTIVE	BS	128	Land		
14.1901 MECHANICAL ENGINEERING. A program that prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of physical systems used in manufacturing and end-product systems used for specific uses, including machine tools, jigs and other manufacturing equipment; stationary power units and appliances; engines; self-propelled vehicles; housings and containers; hydraulic and electric systems for controlling movement; and the integration of computers and remote control with operating systems.								F	N
14.190101 Mechanical Engineering	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BSME	128	Land		
14.190101 Mechanical Engineering	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	127	Land		
14.190101 Mechanical Engineering	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	30	Land		
14.3601 MANUFACTURING ENGINEERING. A program that prepares individuals to apply scientific and mathematical principles to the design, development, and implementation of manufacturing systems. Includes instruction in materials science and engineering, manufacturing processes, process engineering, assembly and product engineering, manufacturing systems design, and manufacturing competitiveness.								F	N
14.360101 Manufacturing Engineering	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	128	Land		
15.0000 ENGINEERING TECHNOLOGY, GENERAL. A program that generally prepares individuals to apply basic engineering principles and technical skills in support of engineers engaged in a wide variety of projects. Includes instruction in various engineering support functions for research, production, and operations, and applications to specific engineering specialties.								B	N
15.000000 Applied Engineering	Bemidji State University	5006	Bemidji-BSU Campus	NEW	BAS	120	Either		
15.000000 Applied Engineering Technology	Central Lakes College	5008	Staples Campus	NEW	AAS	60	Land		
15.000001 Engineering Technology	Hibbing Community College, A Technical and Community College	5040	Hibbing Campus	ACTIVE	AS	60	Land		
15.000001 Technological Studies I	Minnesota State Community and Technical College	5486	EACE - MN State Community & Technical College	ACTIVE	Certificate	16	Either		
15.000002 Technological Studies II	Minnesota State Community and Technical College	5486	EACE - MN State Community & Technical College	ACTIVE	Certificate	11	Land		
15.0303 ELECTRICAL, ELECTRONIC AND COMMUNICATIONS ENGINEERING TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of electrical, electronics and communication engineers. Includes instruction in electrical circuitry, prototype development and testing, systems analysis and testing, systems maintenance, instrument calibration, and report preparation. Examples: [Electronics Technician], [Consumer Product Electronics Technician]								F	N
15.030303 Electronic Engineering Technology	Anoka Technical College	5003	Anoka Campus	ACTIVE	AAS	72	Land		
15.030314 Electronic Controls Technician				ACTIVE	EMPH	72			
15.030315 Special Electronics Technician				ACTIVE	EMPH	72			
15.120211 Computer Servicing/Networking Technician				ACTIVE	EMPH	72			
15.030300 Electronic Technician	Anoka Technical College	5003	Anoka Campus	ACTIVE	Diploma	69	Land		
15.030313 Special Electronics Technician				ACTIVE	EMPH	69			
15.030316 Electronic Control Technician				ACTIVE	EMPH	69			
15.120211 Computer Servicing/Networking Technician				ACTIVE	EMPH	69			
15.030313 Electronic Technician I	Anoka Technical College	5003	Anoka Campus	ACTIVE	Certificate	25	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
15.030314 Electronic Technician II	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	14	Land		
15.030301 Electronics Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land		
15.030301 Electronics Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land		
15.030301 Basic Electronics	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	26	Land		
15.030305 Electronic Engineering Technology - Industrial Controls	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	72	Land		
15.030301 Electronic Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	60	Land		
15.030303 Electronics Lab Assistant	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	20	Land		
15.030301 Electronics Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	AAS	72	Land		
15.030301 Electronics Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	64	Land		
15.030302 Electronic Engineering Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	128	Land		
15.030301 Electronics Technology	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Diploma	32	Land		
15.030342 Electronics Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	69	Land		
15.030341 Electronics Technician	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	66	Land		
15.0401 BIOMEDICAL TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers engaged in developing biological or medical systems and products. Includes instruction in instrument calibration, design and installation testing, system safety and maintenance procedures, procurement and installation procedures, and report preparation. Examples: [Bioengineering Technology]						F	Y	
15.040104 Biomedical Core	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	17	Land		
15.040103 Biomedical Technician	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	30	Land		
15.040102 Biomedical Technologist	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Land		
15.040105 Quality Systems for Biomedical Industry	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	18	Land		
15.040101 Biomedical Equipment Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	69	Land		
15.040101 Biomedical Equipment Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	26	Land		
15.040101 Medical Device Manufacturing Specialist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	16	Land		
15.040101 Biomedical Equipment Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	NEW	AAS	72	Land		
15.040101 Biomedical Equipment Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	NEW	Certificate	21	Land		
15.040101 Biomedical Engineering Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AS	60	Land		
15.0616 SEMICONDUCTOR MANUFACTURING TECHNOLOGY. A program that prepares individuals to apply basic engineering principles and technical skills to operate and monitor equipment for the fabrication of semiconductors or microchips from silicon wafers, and to troubleshoot, maintain, and repair the specialized equipment used in this process. Includes instruction in AC and DC circuits, digital fundamentals, solid state devices, manufacturing processes, vacuum principles and technology, industrial electronics, quality assurance, and semiconductor manufacturing technology.							Y	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
15.061600 Vacuum Maintenance Technician	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	28	Land		
15.1201 COMPUTER ENGINEERING TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of computer engineers engaged in designing and developing computer systems and installations. Includes instruction in computer electronics and programming, prototype development and testing, systems installation and testing, solid state and microminiature circuitry, peripheral equipment, and report preparation.							F	N
15.120101 Computer Engineering Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	128	Land		
15.120101 Computer Engineering Technology	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	AAS	64	Land		
15.120101 Computer Engineering Technology	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	Diploma	48	Land		
15.1501 ENGINEERING/INDUSTRIAL MANAGEMENT. A program that focuses on the application of engineering principles to the planning and operational management of industrial and manufacturing operations, and prepares individuals to plan and manage such operations. Includes instruction in accounting, engineering economy, financial management, industrial and human resources management, industrial psychology, management information systems, mathematical modeling and optimization, quality control, operations research, safety and health issues, and environmental program management.							F	N
15.150100 Lean Manufacturing	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	12	Land		
15.150101 Master of Engineering Management	St. Cloud State University	5643 6401 Sycamore Ct N., Maple Grove	ACTIVE	MEM	30	Land		
15.1601 NANOTECHNOLOGY. A program that prepares individuals to apply mathematical, scientific, and engineering principles and technical skills to manipulate matter at the atomic and molecular level (in the range of 1-100 nanometers) and to design, fabricate, and integrate nanoscale structures, devices, and systems. Includes instruction in materials science, thermodynamics, nanomaterials, nanoelectronics, and nano/micro device fabrication and testing. Examples: [Nanofabrication Technology], [Nanoscience Technician]								Y
15.160104 Nanoscience Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	72	Land		
15.160104 Nanoscience Technician Assistant	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Certificate	22	Land		
15.160104 Nanotechnology	Normandale Community College	5074 Bloomington Campus	ACTIVE	AAS	61	Land		
15.061600 Semiconductor Process Technician			ACTIVE	EMPH	61			
15.160102 Vacuum Technology and Surface Science			ACTIVE	EMPH	61			
15.160103 Vacuum Technology	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	17	Either		
41.0000 SCIENCE TECHNOLOGIES/TECHNICIANS, GENERAL. A general program that prepares individuals to apply scientific principles and technical skills in support of scientific research and development. Includes instruction in standard laboratory practices and procedures; techniques for analysis, testing and inspection; laboratory instrumentation and equipment operation and maintenance; laboratory and materials handling safety; and computer applications. Examples: [Science Laboratory Technology]								Y
41.000000 Research and Development Lab Technician	Hennepin Technical College	5036 Eden Prairie Campus	NEW	AAS	60	Land		
Pathway: Science and Mathematics								
26.0101 BIOLOGY/BIOLOGICAL SCIENCES, GENERAL. A general program of biology at the introductory, basic level or a program in biology or the biological sciences that is undifferentiated as to title or content. Includes instruction in general biology and programs covering a variety of biological specializations.							B	N
26.010101 Biological Sciences	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Land		
26.010100 Biology	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land		
03.060100 Wildlife Management			ACTIVE	EMPH	29			
26.010100 Biology	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land		
03.060100 Wildlife Management			ACTIVE	EMPH	29			
26.010212 Medical Sciences			ACTIVE	EMPH	29			
26.040612 Cell & Molecular			ACTIVE	EMPH	20			

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode
26.010101 Biology	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	MS	30	Land
26.010101 Biology	Inver Hills Community College	5041	Inver Grove Heights Campus	NEW	AS	60	Land
26.010101 Biology	Mesabi Range Community and Technical College	5537	Virginia Campus	ACTIVE	AS	60	Land
26.010101 Biology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land
26.010101 Biology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land
26.010101 Biology	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AS	60	Land
26.010101 Biological Sciences	Minnesota State Community and Technical College	5490	Fergus Falls Campus	ACTIVE	AS	60	Land
26.010100 Biology	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BA	120	Land
26.130113 Ecology and Evolutionary Biology				ACTIVE	EMPH	73	
51.000012 Health and Medical Science				ACTIVE	EMPH	69	
51.000013 Health and Medical Sciences				ACTIVE	EMPH	69	
26.010100 Biology	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land
26.010200 Biomedical Sciences				ACTIVE	EMPH	70	
26.030118 Plant Science				ACTIVE	EMPH	24	
26.050218 Microbiology				ACTIVE	EMPH	30	
26.070100 Zoology				ACTIVE	EMPH	50	
26.100418 Toxicology				ACTIVE	EMPH	69	
26.130118 Ecology				ACTIVE	EMPH	67	
51.100218 Cytotechnology/Cytogenetics				ACTIVE	EMPH	39	
26.010101 Biology	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MS	30	Land
26.010101 Biology	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Land
26.010101 Biological Sciences	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	AS	60	Land
26.010100 Biology	South Central College	5183	Faribault Campus	NEW	AS	60	Either
26.010101 Biology	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BA	120	Land
26.010100 Biological Sciences	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MA	36	Land
26.040600 Cell and Molecular Biology				ACTIVE	EMPH	12	
26.130100 Ecology and Natural Resources				ACTIVE	EMPH	12	
26.010100 Biological Sciences	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	30	Land
26.040600 Cell and Molecular Biology				ACTIVE	EMPH	12	
26.130100 Ecology and Natural Resources				ACTIVE	EMPH	12	
26.010102 Biology	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BES	120	Land
26.010100 Biology	Winona State University	5169	Winona-WSU Campus	ACTIVE	BS	120	Land
03.010414 Environmental Science				ACTIVE	EMPH	94	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
26.040614 Cell and Molecular			ACTIVE	EMPH	71			
26.130114 Ecology			ACTIVE	EMPH	71			
51.000014 Allied Health			ACTIVE	EMPH	73			
26.0102 BIOMEDICAL SCIENCES, GENERAL. A general, program that focuses on the integrative scientific study of biological issues related to health and medicine, or a program in one or more of the biomedical sciences that is undifferentiated as to title. Includes instruction in any of the basic medical sciences at the research level; biological science research in biomedical faculties; and general studies encompassing a variety of the biomedical disciplines.							B	N
26.010201 Laboratory Science	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land		
26.010201 Biomedical Sciences	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
26.0202 BIOCHEMISTRY. A program that focuses on the scientific study of the chemistry of living systems, their fundamental chemical substances and reactions, and their chemical pathways and information transfer systems, with particular reference to carbohydrates, proteins, lipids, and nucleic acids. Includes instruction in bio-organic chemistry, protein chemistry, bioanalytical chemistry, bioseparations, regulatory biochemistry, enzymology, hormonal chemistry, calorimetry, and research methods and equipment operation.							B	N
26.020201 Biochemistry	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
26.020201 Biochemistry	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
26.020201 Biochemistry	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
26.020201 ACS Biochemistry	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land		
26.0210 BIOCHEMISTRY AND MOLECULAR BIOLOGY. A program of study that combines the biological sub-disciplines of biochemistry and molecular biology. Includes instruction in general biology, general and organic chemistry, physics, biochemistry, molecular biology, immunology, microbiology, genetics, and cellular biology.							B	N
26.021000 Biochemistry and Biotechnology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land		
26.020200 Biological Chemistry			ACTIVE	EMPH	25			
26.040600 Cellular and Molecular Sciences			ACTIVE	EMPH	28			
26.021001 Biochemistry and Biotechnology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	22	Land		
26.021001 Biochemistry and Biotechnology Industry	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	NEW	Certificate	19	Land		
26.021001 Biochemistry and Biotechnology Industry	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	NEW	GC	19	Land		
26.0401 CELL/CELLULAR BIOLOGY AND HISTOLOGY. A program that focuses on the scientific study of the structure, function, and regulation of cells as individual units and as components of larger systems. Includes instruction in cell chemistry, cellular dynamics, cellular replication and reproduction, cell anatomy, membrane function, organelles, cell adhesion and extracellular matrices, cell dynamics and motility, meiosis and mitosis, signal transduction, regulation, recognition and defense mechanisms, the cell cycle, cell metabolism and respiration, gene expression, and studies of cell types and characteristics.							B	N
26.040101 Cell Biology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
26.1301 ECOLOGY. A program that focuses on the scientific study of the relationships and interactions of small-scale biological systems, such as organisms, to each other, to complex and whole systems, and to the physical and other non-biological aspects of their environments. Includes instruction in biogeochemistry; landscape and/or marine/aquatic dynamics; decomposition; global and regional elemental budgets; biotic and abiotic regulation of nutrient cycles; ecophysiology; ecosystem resilience, disturbance, and succession; community and habitat dynamics; organismal interactions (co-evolution, competition, predation); paleoecology; and evolutionary ecology. Examples: [Ecosystem Science]							B	N
26.130100 Ecology and Field Biology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
26.123013 Wildlife Biology			ACTIVE	EMPH	35			
26.123014 Ecology and Natural Resources			ACTIVE	EMPH	35			
26.1304 AQUATIC BIOLOGY/LIMNOLOGY. A program that focuses on the scientific study of the ecology and behavior of microbes, plants, and animals inhabiting inland fresh waters such as lakes, ponds, rivers, creeks, estuaries, and wetlands. Includes instruction in geology and hydrology; aquatic ecosystems; microbiology; mycology; botany; ichthyology; mammalogy; population biology and biodiversity; studies of specific species, phyla, and habitats; and applications to fields such as natural resources conservation, fisheries science, and biotechnology. Examples: [Aquatic Ecology]							B	N

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
26.130400 Aquatic Biology	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Land		
26.130403 Aquatic Systems				ACTIVE	EMPH	23			
26.130404 Fisheries Biology				ACTIVE	EMPH	19			
26.130445 Wetlands Ecology				ACTIVE	EMPH	19			
26.130401 Wetlands Ecology	Bemidji State University	5006	Bemidji-BSU Campus	NEW	Minor	28	Land		
26.130401 Aquatic Biology	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
27.0101 MATHEMATICS, GENERAL. A general program that focuses on the analysis of quantities, magnitudes, forms, and their relationships, using symbolic logic and language. Includes instruction in algebra, calculus, functional analysis, geometry, number theory, logic, topology and other mathematical specializations.								F	N
27.010100 Mathematics	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Land		
27.010114 General				ACTIVE	EMPH	23			
27.030100 Applied				ACTIVE	EMPH	24			
52.130400 Actuarial				ACTIVE	EMPH	32			
27.010101 Mathematics	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AS	60	Land		
27.010101 Mathematics	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BA	120	Land		
27.010115 Math	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Minor	25	Land		
27.010101 Mathematics	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BA	120	Land		
27.010101 Mathematics	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land		
27.010101 Mathematics	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MA	34	Land		
27.010100 Mathematics and Statistics	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MS	34	Land		
27.050211 Statistics				ACTIVE	EMPH	34			
27.010101 Mathematics	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Land		
27.010101 Mathematics	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BA	120	Land		
27.010101 Mathematics	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
27.010101 Mathematics	Winona State University	5169	Winona-WSU Campus	ACTIVE	BA	120	Land		
27.010102 Mathematics	Winona State University	5169	Winona-WSU Campus	ACTIVE	BS	120	Land		
27.0301 APPLIED MATHEMATICS, GENERAL. A program that focuses on the application of mathematics and statistics to the solution of functional problems in fields such as engineering and the applied sciences. Includes instruction in natural phenomena modeling continuum mechanics, reaction-diffusion, wave propagation, dynamic systems, numerical analysis, controlled theory, asymptotic methods, variation, optimization theory, inverse problems, and applications to specific scientific and industrial topics. Examples: [Fundamental Analysis and Real Variables], [Mathematical Analysis], [Numerical Analysis/Methods/Computation]								F	N
27.030101 Applied Mathematics	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land		
27.0501 STATISTICS, GENERAL. A general program that focuses on the relationships between groups of measurements, and similarities and differences, using probability theory and techniques derived from it. Includes instruction in the principles in probability theory, binomial distribution, regression analysis, standard deviation, stochastic processes, Monte Carlo method, Bayesian statistics, non-parametric statistics, sampling theory, and statistical techniques.								B	N
27.050100 Statistics	Minnesota State University, Mankato	5050	Mankato Campus	NEW	BS	120	Land		
27.050101 Applied Statistics	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	33	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
27.050100 Statistics	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
27.050113 Applied Statistics			ACTIVE	EMPH	26		
27.050213 Mathematical Statistics			ACTIVE	EMPH	26		
52.130413 Actuarial Science			ACTIVE	EMPH	31		
27.050101 Statistics	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land	
30.1101 GERONTOLOGY. A program that focuses on the human aging process and aged human populations, using the knowledge and methodologies of the social sciences, psychology and the biological and health sciences.						B	N
30.110100 Gerontology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land	
26.010102 Biology			ACTIVE	EMPH	48		
31.050108 Health			ACTIVE	EMPH	48		
42.010108 Psychology			ACTIVE	EMPH	48		
44.070108 Social Work			ACTIVE	EMPH	48		
45.020101 Anthropology			ACTIVE	EMPH	48		
45.060109 Economics			ACTIVE	EMPH	48		
45.100108 Political Science			ACTIVE	EMPH	48		
45.110109 Sociology			ACTIVE	EMPH	48		
51.221108 Health Services Administration			ACTIVE	EMPH	48		
30.110101 Aging Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
51.221100 Management of Aging Services			ACTIVE	EMPH	34		
51.221101 Management of Health Services			ACTIVE	EMPH	34		
30.110101 Gerontology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	15	Land	
30.110101 Gerontology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	23	Land	
30.110101 Gerontology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	GC	15	Land	
30.110101 Gerontology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	24	Land	
30.110101 Gerontology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	36	Land	
30.1201 HISTORIC PRESERVATION AND CONSERVATION. A program that focuses on the architectural design principles and building techniques used in historic structures and environments, and the process of saving and restoring old buildings and districts for contemporary use and enjoyment. Includes instruction in architectural history; building conservation techniques; real estate, land-use and tax laws and codes; economics and public policy; and public relations.						B	N
30.120101 Heritage Preservation	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	24	Land	
30.1202 CULTURAL RESOURCE MANAGEMENT AND POLICY ANALYSIS. A program that focuses on the application of cultural studies, public policy analysis, and management skills to planning, promoting, and implementing programs to preserve and protect cultural heritage sites and artifacts. Includes instruction in historical preservation and conservation, business management, policy analysis, applied economics, public relations, applied history, historical archaeology, and environmental impact studies.						B	N
30.120201 Cultural Resources Management Archaeology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	33	Land	
30.1501 SCIENCE, TECHNOLOGY AND SOCIETY. A program that focuses on the contemporary social and public policy ramifications of science and technology, the interrelationship of science and engineering with the public policy process, and the social and ethical dimensions of scientific and technological enterprises. Examples: [Social Studies of Science]						B	N
30.150101 Technology Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land	
30.150101 Technology Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	15	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
30.1801 NATURAL SCIENCES. A program with a combined or undifferentiated focus on one or more of the physical and biological sciences.						B	N
30.180101 Natural Science	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land	
30.2001 INTERNATIONAL/GLOBAL STUDIES. A program that focuses on global and international issues from the perspective of the social sciences, social services, and related fields.						B	N
30.200101 International Studies	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land	
30.200101 International Studies	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	Minor	18	Land	
30.200101 Global Studies	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	15	Land	
30.200101 Global Studies	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	18	Land	
30.200100 International Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land	
30.200102 Diplomacy			ACTIVE	EMPH	33		
45.060402 Development			ACTIVE	EMPH	33		
30.200100 Global Studies	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	NEW	Certificate	16	Either	
30.200101 Global Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
30.200100 Global Studies	Winona State University	5169 Winona-WSU Campus	ACTIVE	BA	120	Land	
05.010303 Asian			ACTIVE	EMPH	40		
05.010603 European Studies			ACTIVE	EMPH	40		
05.010703 Latin American Studies			ACTIVE	EMPH	40		
30.200103 North American			ACTIVE	EMPH	40		
30.2501 COGNITIVE SCIENCE. A program that focuses on the study of the mind and the nature of intelligence from the interdisciplinary perspectives of computer science, philosophy, mathematics, psychology, neuroscience, and other disciplines. Includes instruction in mathematics and logic, cognitive process modeling, dynamic systems, learning theories, brain and cognition, neural networking, programming, and applications to topics such as language acquisition, computer systems, and perception and behavior.						B	N
30.250101 Cognitive Science	Minnesota State University, Mankato	5050 Mankato Campus	NEW	BS	120	Land	
30.9999 MULTI-/INTERDISCIPLINARY STUDIES, OTHER. Any instructional program in multi/interdisciplinary studies not listed above.						B	N
30.999901 Individualized Studies	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AS	60	Either	
30.999900 Individualized Studies	Bemidji State University	5006 Bemidji-BSU Campus	PRENEW	BS	120	Land	
30.999901 Individualized Studies	Central Lakes College	5007 Brainerd Campus	NEW	AAS	60	Either	
30.999901 Individualized Studies	Central Lakes College	5007 Brainerd Campus	NEW	Diploma	31	Either	
30.999901 Individualized Studies	Century College, A Community and Technical College	5024 White Bear Lake Campus	NEW	AAS	60	Land	
30.999901 Individualized Studies	Century College, A Community and Technical College	5024 White Bear Lake Campus	NEW	AS	60	Land	
30.999901 Individualized Studies	Century College, A Community and Technical College	5024 White Bear Lake Campus	NEW	Diploma	45	Land	
30.999901 Individualized Studies	Dakota County Technical College	5029 Apple Valley Higher Education site	NEW	AS	60	Land	
30.999901 Individualized Studies	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	NEW	AAS	60	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
30.999901 Individualized Studies	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	NEW	AS	60	Land
30.999901 Individualized Professional Studies	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	60	Land
30.999901 Individualized Studies	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	60	Land
30.999901 Individualized Studies	Lake Superior College	5047 Duluth Campus	ACTIVE	AS	60	Land
30.999901 Individualized Studies	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	45	Land
30.999901 Individualized Studies	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Either
30.999901 Individualized Studies	Minnesota State College-Southeast Technical	5113 Red Wing Campus	NEW	AS	60	Either
30.999900 Individualized Occupational Preparation	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	64	Land
30.999905 University Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land
30.999901 Cross-Disciplinary Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land
30.999904 Open Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
30.999901 Individualized Studies	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AS	60	Either
30.999901 Individualized Studies	Normandale Community College	5074 Bloomington Campus	NEW	AS	60	Land
30.999901 Individualized Studies	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Land
30.999901 Individualized Studies	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	60	Either
30.999901 Individualized Studies	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AS	60	Either
30.999901 Individualized Studies	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	30	Either
30.999901 Individualized Studies	Pine Technical College	5162 Pine Technical College Campus	NEW	AAS	60	Land
30.999901 Individualized Studies	Pine Technical College	5162 Pine Technical College Campus	NEW	AS	60	Land
30.999901 Individualized Studies	Pine Technical College	5162 Pine Technical College Campus	NEW	Diploma	45	Land
30.999901 Individualized Studies	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land
30.999901 Individualized Interdisciplinary Studies	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land
30.999901 Individualized Interdisciplinary Studies	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land
30.999901 Individualized Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	AS	60	Land
30.999900 Self-select	St. Cloud State University	5164 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	BES	120	Land
30.999905 Special Studies	St. Cloud State University	5164 6401 Sycamore Ct N., Maple Grove	ACTIVE	MA	30	Land
30.999905 Special Studies	St. Cloud State University	5164 6401 Sycamore Ct N., Maple Grove	ACTIVE	MS	36	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
30.999900 Professional Studies	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	BA	120	Land		
49.010400 Aviation Maintenance Management			ACTIVE	EMPH	139			
52.021300 Leadership			ACTIVE	EMPH	48			
40.0201 ASTRONOMY. A general program that focuses on the planetary, galactic, and stellar phenomena occurring in outer space. Includes instruction in celestial mechanics, cosmology, stellar physics, galactic evolution, quasars, stellar distribution and motion, interstellar medium, atomic and molecular constituents of astronomical phenomena, planetary science, solar system evolution, and specific methodologies such as optical astronomy, radioastronomy, and theoretical astronomy.							F	N
40.020101 Astronomy	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	28	Land		
40.0404 METEOROLOGY. A program that focuses on the scientific study of the prediction of atmospheric motion and climate change. Includes instruction in general circulation patterns, weather phenomena, atmospheric predictability, parameterization, numerical and statistical analysis, large- and mesoscale phenomena, kinematic structures, precipitation processes, and forecasting techniques.							F	N
40.040401 Meteorology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
40.0501 CHEMISTRY, GENERAL. A general program that focuses on the scientific study of the composition and behavior of matter, including its micro- and macro-structure, the processes of chemical change, and the theoretical description and laboratory simulation of these phenomena.							B	N
40.050101 Chemistry	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land		
40.050100 Chemistry	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land		
26.020214 Biochemistry/Biotechnology			ACTIVE	EMPH	30			
40.050114 Chemistry ACS Approved			ACTIVE	EMPH	37			
40.050914 Environmental Chemistry			ACTIVE	EMPH	38			
40.051014 Criminalistics			ACTIVE	EMPH	41			
40.050101 Chemistry	Inver Hills Community College	5041 Inver Grove Heights Campus	NEW	AS	60	Land		
40.050101 Chemistry	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Land		
40.050100 Chemistry	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land		
26.020213 Biological Chemistry			ACTIVE	EMPH	71			
27.010114 Computational Chemistry			ACTIVE	EMPH	75			
27.010115 Mathematics			ACTIVE	EMPH	67			
40.050813 Chemical Physics			ACTIVE	EMPH	69			
40.050101 Chemistry	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land		
40.050101 Chemistry	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
40.050100 Chemistry	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
40.050117 American Chemical Society Approved			ACTIVE	EMPH	81			
40.050101 Chemistry	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Land		
40.050101 Chemistry	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AS	60	Land		
40.050101 Chemistry	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land		
40.050102 Chemistry, ACS	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land		
40.050101 Chemistry - ACS Approved	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
40.050102 Chemistry	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land		
40.050116 ACS Materials Chemistry			ACTIVE	EMPH	83			
40.050117 ACS Environmental Chemistry			ACTIVE	EMPH	78			
40.050916 ACS Chemistry			ACTIVE	EMPH	74			
40.050103 Chemistry (general)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land		
40.0601 GEOLOGY/EARTH SCIENCE, GENERAL. A program that focuses on the scientific study of the earth; the forces acting upon it; and the behavior of the solids, liquids and gases comprising it. Includes instruction in historical geology, geomorphology, and sedimentology, the chemistry of rocks and soils, stratigraphy, mineralogy, petrology, geostatistics, volcanology, glaciology, geophysical principles, and applications to research and industrial problems.							F	N
40.060152 Earth Science	Bemidji State University	5006 Bemidji-BSU Campus	NEW	Minor	23	Land		
40.060151 Geology	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	Minor	24	Land		
40.060153 Space Studies	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	Minor	20	Land		
40.060100 Geosciences	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land		
40.060103 Geology			ACTIVE	EMPH	48			
40.060403 Geoarchaeology			ACTIVE	EMPH	47			
45.070103 Geographical Sciences			ACTIVE	EMPH	28			
40.060151 Earth Sciences	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
40.060151 Earth Sciences	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
40.060101 Geology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	18	Land		
40.060151 Earth Sciences	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
40.060101 Geology	St. Cloud State University	5164 St. Cloud-SCSU Campus	NEW	Minor	20	Land		
40.060101 Geoscience	Winona State University	5169 Winona-WSU Campus	ACTIVE	BA	120	Land		
40.060100 Geoscience	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land		
03.010415 Environmental Science			ACTIVE	EMPH	21			
40.060115 Geology			ACTIVE	EMPH	12			
40.0605 HYDROLOGY AND WATER RESOURCES SCIENCE. A program that focuses on the scientific study of the occurrence, circulation, distribution, chemical and physical properties, and environmental interaction of surface and subsurface waters, including groundwater. Includes instruction in geophysics, thermodynamics, fluid mechanics, chemical physics, geomorphology, mathematical modeling, hydrologic analysis, continental water processes, global water balance, and environmental science. Examples: [Hydrogeology]							F	N
40.060501 Hydrology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
40.060501 Watershed Science	Vermilion Community College	5053 Ely Campus	ACTIVE	AS	60	Land		
40.0801 PHYSICS, GENERAL. A general program that focuses on the scientific study of matter and energy, and the formulation and testing of the laws governing the behavior of the matter-energy continuum. Includes instruction in classical and modern physics, electricity and magnetism, thermodynamics, mechanics, wave properties, nuclear processes, relativity and quantum theory, quantitative methods, and laboratory methods.							F	N
40.080101 Physics	Bemidji State University	5006 Bemidji-BSU Campus	NEW	Minor	33	Land		
40.080100 Physics	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land		
40.020111 Astronomy			ACTIVE	EMPH	78			
51.220511 Medical Physics			ACTIVE	EMPH	12			

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
52.021000 Physics with Business			ACTIVE	EMPH	82			
40.080101 Physics	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
40.080100 Physics	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land		
40.080101 Alternative Plan Paper			ACTIVE	EMPH	34			
40.080101 Physics	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land		
40.080100 Physics	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
14.010116 Engineering Science			ACTIVE	EMPH	18			
14.010117 Self Selection			ACTIVE	EMPH	9			
40.020216 Astrophysics			ACTIVE	EMPH	27			
40.080116 Professional Physics			ACTIVE	EMPH	15			
40.080716 Electro-optics			ACTIVE	EMPH	9			
40.081016 Mathematical Physics			ACTIVE	EMPH	18			
40.080100 Physics	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land		
14.100113 Electronics			ACTIVE	EMPH	13			
40.0807 OPTICS/OPTICAL SCIENCES. A program that focuses on the scientific study of light energy, including its structure, properties and behavior under different conditions. Includes instruction in wave theory, wave mechanics, electromagnetic theory, physical optics, geometric optics, quantum theory of light, photon detecting, laser theory, wall and beam properties, chaotic light, non-linear optics, harmonic generation, optical systems theory, and applications to engineering problems. Examples: [Electro-Optics], [Atmospheric and Space Optics]							F	N
40.080701 Optics	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	34	Land		
45.0601 ECONOMICS, GENERAL. A general program that focuses on the systematic study of the production, conservation and allocation of resources in conditions of scarcity, together with the organizational frameworks related to these processes. Includes instruction in economic theory, micro- and macroeconomics, comparative economic systems, money and banking systems, international economics, quantitative analytical methods, and applications to specific industries and public policy issues.							B	N
45.060101 Economics	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land		
45.060101 Economics (General)	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land		
45.060100 Economics	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land		
45.060111 Business Economics			ACTIVE	EMPH	75			
45.060101 Economics	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
45.060101 Economics	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
45.060100 Economics	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
45.060113 5-Year BA/MS			ACTIVE	EMPH	46			
45.060101 Economics	Winona State University	5169 Winona-WSU Campus	ACTIVE	BA	120	Land		
45.0603 ECONOMETRICS AND QUANTITATIVE ECONOMICS. A program that focuses on the systematic study of mathematical and statistical analysis of economic phenomena and problems. Includes instruction in economic statistics, optimization theory, cost/benefit analysis, price theory, economic modeling, and economic forecasting and evaluation. Examples: [Cost Analysis], [Economic Forecasting]							B	N
45.060301 Mathematical Economics	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
45.0701 GEOGRAPHY. A program that focuses on the systematic study of the spatial distribution and interrelationships of people, natural resources, plant and animal life. Includes instruction in historical and political geography, cultural geography, economic and physical geography, regional science, cartographic methods, remote sensing, spatial analysis, and applications to areas such as land-use planning, development studies, and analyses of specific countries, regions, and resources. Examples: [Environmental Geography], [Physical Geography], [Social Geography]							B	N
45.070101 Geography	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BA	120	Land	
45.070100 Geography	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Land	
45.070116 Traditional				ACTIVE	EMPH	24		
45.070117 Regional, Park, Recreational and Land Using Planning				ACTIVE	EMPH	15		
45.070215 Geographic Information Systems (GIS)				ACTIVE	EMPH	23		
45.070101 Geography	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MS	34	Land	
45.070101 Geography: Professional	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BA	120	Land	
45.070101 Geography: Professional	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land	
45.070102 Geography	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
45.070101 Geography	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BES	120	Land	
45.070102 Geography: Tourism Planning and Development	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	32	Land	
45.0702 GEOGRAPHIC INFORMATION SCIENCE AND CARTOGRAPHY. A program that focuses on the systematic study of map-making and the application of mathematical, computer, and other techniques to the analysis of large amounts of geographic data and the science of mapping geographic information. Includes instruction in cartographic theory and map projections, computer-assisted cartography, geographic information systems, map design and layout, photogrammetry, air photo interpretation, remote sensing, spatial analysis, geodesy, cartographic editing, and applications to specific industrial, commercial, research, and governmental mapping problems. Examples: [Geographic Information Systems (GIS)], [Spatial Analysis], [Geomatics], [Remote Sensing]							F	N
45.070203 Geographic Information Systems Technician	Alexandria Technical and Community College	2001	EACE - Alexandria Technical College	ACTIVE	Certificate	18	Land	
45.070200 Geographic Information Systems (GIS)	Bemidji State University	5006	Bemidji-BSU Campus	NEW	Minor	21	Land	
45.070201 Geographic Information Systems (GIS) and Visualization	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	AAS	64	Land	
45.070201 Geographic Information Systems (GIS) and Visualization	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	Certificate	16	Land	
45.070201 Geographic Information Systems (GIS) Professional	Itasca Community College	5046	Grand Rapids Campus	ACTIVE	Certificate	14	Land	
45.070201 Geography/Geographic Information System (GIS)	Itasca Community College	5046	Grand Rapids Campus	ACTIVE	AS	60	Land	
45.070201 Geographic Information Science (GISc)	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Certificate	18	Land	
45.070201 Geographic Information Science (GISc)	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	GC	18	Land	
45.070200 Geographic Information Systems	South Central College	5183	Faribault Campus	ACTIVE	Certificate	16	Land	
45.070201 Geographic Information Science	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	GC	15	Land	
45.070201 Geographic Information Science	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	Minor	21	Land	
45.070201 Geography: Geographic Information Science	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	33	Land	

Cluster: Transportation, Distribution and Logistics

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
Pathway: Facility and Mobile Equipment Maintenance							
47.0603 AUTOBODY/COLLISION AND REPAIR TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to repair, reconstruct and finish automobile bodies, fenders, and external features. Includes instruction in structure analysis, damage repair, non-structural analysis, mechanical and electrical components, plastics and adhesives, painting and refinishing techniques, and damage analysis and estimating. Examples: [Auto Body Refinisher], [Auto Body Technician], [Automotive Collision Repair Technician], [Automotive Painter], [Automotive Refinishing Technician], [Motor Vehicle Body Painter], [Motor Vehicle Body Refinisher], [Motor Vehicle Body Refinisher Sub-Trade], [Painting (autobody)]						F	Y
47.060301 Auto Body Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	60	Land	
47.060302 Auto Body Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
47.060303 Nonstructural Repair	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land	
47.060302 Auto Body Collision Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	72	Land	
47.060302 Auto Body Collision Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	64	Land	
47.060306 Body Technician	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	28	Land	
47.060305 Estimator	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	14	Land	
47.060304 Paint Preparation	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	21	Land	
47.060301 Auto Body Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land	
47.060303 Auto Body Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land	
47.060334 Autobody Estimator	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	9	Land	
47.060333 Custom Fabrication and Finishing	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	19	Land	
47.060332 Non-Structural Repair Technician Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	16	Land	
47.060335 Refinishing Technician Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	17	Land	
47.060336 Structural Repair Technician Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	16	Land	
47.060303 Auto Body and Chassis Technician	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	64	Land	
47.060302 Auto Body Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	33	Land	
47.060302 Auto Body Collision Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	AAS	72	Land	
47.060301 Auto Body Collision Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	64	Land	
47.060304 Auto Body Refinishing	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	26	Land	
47.060303 Auto Body Sheet Metal Repair and Replacement	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	30	Land	
47.060301 Auto Body Collision Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	72	Land	
47.060303 Auto Body Collision Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Diploma	67	Land	
47.060304 Auto Body Restoration	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Certificate	30	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
47.060305 Auto Body, Rod and Custom	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Certificate	30	Land	
47.060301 Auto Body, Rod, Custom and Restoration	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Diploma	68	Land	
47.060301 Auto Body Collision Technology	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	AAS	72	Land	
47.060301 Auto Body Collision Technology	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Diploma	66	Land	
47.060301 Auto Body Collision Technology	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	72	Land	
47.060301 Auto Body Collision Technology	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	66	Land	
47.060351 Auto Body Specialty Technician	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Certificate	30	Land	
47.060301 Collision Repair Technology	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Diploma	68	Land	
47.060301 Auto Body Repair	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	62	Land	
47.060301 Auto Body Repair	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	49	Land	
47.060301 Auto Body and Collision Technology	South Central College	5183 North Mankato Campus	ACTIVE	AAS	72	Land	
47.060301 Auto Body and Collision Technology	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	64	Land	
47.060301 Auto Body Collision Technician	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	72	Land	
47.060301 Auto Body Collision Technician	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	68	Land	
47.0604 AUTOMOBILE/AUTOMOTIVE MECHANICS TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. Includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air condition systems. Examples: [Automotive Service Technician], [Motor Vehicle Mechanic]						F	Y
47.060401 Automotive Technician	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	71	Land	
47.060422 Automotive Technician	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	60	Land	
47.060401 Automotive Technology	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	44	Land	
47.060402 Automotive Service Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
47.060401 Automotive Services Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	64	Land	
47.060403 Basic Automotive Service	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	27	Land	
47.060407 Automotive Service (ASEP)	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	82	Land	
47.060408 Automotive Technician	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	72	Land	
47.060401 Automotive Technician	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	65	Land	
47.060406 Brakes, Suspensions and Driveline	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	18	Land	
47.060409 Driveability	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	18	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
47.060407 Electrical, Electronics and HVAC	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	18	Land
47.060408 Engines and Transmissions	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	18	Land
47.060401 Automotive Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	72	Land
47.060424 Automotive Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	64	Land
47.060404 Automotive Technology (Ford ASSET)	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	96	Land
47.060402 Maintenance Light Repair	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	30	Land
47.060401 Automotive Technician	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	64	Land
47.060402 Auto Service Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	72	Land
47.060401 Auto Service Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	64	Land
47.060402 Brake and Suspension Technician	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	28	Land
47.060401 Mobile Equipment Service Technician	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	58	Land
47.060401 Automotive Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	64	Land
47.060402 Undercar Specialist	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	18	Land
47.060402 Automotive Service Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	72	Land
47.060414 Automotive Service Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Diploma	69	Land
47.060415 Automotive Advanced Engine Performance and Electrical	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	Certificate	19	Land
47.060414 Automotive Drivetrain Systems	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	Certificate	18	Land
47.060413 Automotive Engine Repair and Electrical	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	Certificate	18	Land
47.060402 Automotive Technician	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	64	Land
47.060413 Automotive Technician: Advanced	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	29	Land
47.060404 Automotive Technician: Basic	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	36	Land
47.060401 Automotive Technology	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AAS	72	Land
47.060414 Automotive Electronics and Drivability	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	18	Land
47.060413 Automotive Engine Repair, Suspension and Brakes	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	17	Land
47.060401 Automotive Service Technology	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	AAS	72	Land
47.060413 Automotive Service Technology	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Diploma	64	Land
47.060442 Automotive Service Technician	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	72	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
47.060442 Automotive Service Technology	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Diploma	68	Land	
47.060402 Undercar Technician	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	18	Land	
47.060404 Automotive Technician	Pine Technical College	5162	Pine Technical College Campus	ACTIVE	Certificate	30	Land	
47.060401 Automotive Technology	Pine Technical College	5162	Pine Technical College Campus	ACTIVE	AAS	72	Land	
47.060401 Automotive Technology	Pine Technical College	5162	Pine Technical College Campus	ACTIVE	Diploma	62	Land	
47.060401 Automotive Service Technology	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	AAS	72	Land	
47.060404 Automotive Service Technology	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Diploma	65	Land	
47.060401 Automotive Service Technology	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	AAS	72	Land	
47.060401 Automotive Service Technology	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	Diploma	69	Land	
47.060401 Automobile Mechanic	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Diploma	69	Land	
47.060401 Automotive Service Technician	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	72	Land	
47.060401 Automotive Service Technician	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	34	Land	
47.060401 Automotive Service Technician	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	69	Land	
47.060401 Automotive Service	South Central College	5183	North Mankato Campus	ACTIVE	AAS	72	Land	
47.060401 Automotive Service	South Central College	5183	North Mankato Campus	ACTIVE	Diploma	64	Land	
47.060403 Automotives Service Technician	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	72	Land	
47.060403 Automotives Service Technician	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	67	Land	
47.0605 DIESEL MECHANICS TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain diesel engines in vehicles such as automobiles, buses, ships, trucks, railroad locomotives, and construction equipment; as well as stationary diesel engines in electrical generators and related equipment.							F	Y
47.060502 Diesel Mechanics	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AAS	72	Land	
47.060502 Diesel Mechanics	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	72	Land	
47.060501 Diesel and Heavy Equipment Technician	Central Lakes College	5008	Staples Campus	ACTIVE	Diploma	44	Land	
47.060501 Diesel and Heavy Equipment Technology	Central Lakes College	5008	Staples Campus	ACTIVE	AAS	64	Land	
47.060501 Diesel Equipment Technology	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	AAS	79	Land	
47.060513 Diesel Equipment Technology	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	Diploma	65	Land	
47.060509 Advanced Diesel Certificate	Minnesota West Community and Technical College	5058	Canby Campus	ACTIVE	Certificate	27	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
47.060507 Basic Diesel Certificate	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	17	Land	
47.060513 Diesel Mechanics (Ag and Truck)	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	35	Land	
47.060508 Diesel Powertrain and Hydraulics Certificate	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	20	Land	
47.060512 Diesel Technician (Ag and Truck)	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	33	Land	
47.060503 Diesel Technology	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AAS	70	Land	
47.060501 Diesel Technology	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	AAS	72	Land	
47.060500 Diesel Technology	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	69	Land	
47.060501 Commercial Vehicle			ACTIVE	EMPH	69		
47.060502 Agricultural/Industrial			ACTIVE	EMPH	69		
47.0606 SMALL ENGINE MECHANICS AND REPAIR TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain small internal-combustion engines used on portable power equipment such as lawnmowers, chain saws, rotary tillers, and snowmobiles.						F	Y
47.060601 Outdoor Power Equipment Technician	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	30	Land	
47.060613 Power Equipment	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	30	Land	
47.060601 Outdoor Power-Small Engine Equipment Technician	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	25	Land	
47.060601 PowerSports Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Diploma	60	Land	
47.060601 Power Sports Technology	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	Diploma	32	Land	
47.0607 AIRFRAME MECHANICS AND AIRCRAFT MAINTENANCE TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain all aircraft components other than engines, propellers, avionics, and instruments. Includes instruction in layout and fabrication of sheet metal, fabric, wood, and other materials into structural members, parts, and fittings, and replacement of damaged or worn parts such as control cables and hydraulic units.						F	Y
47.060702 Aircraft General	Minneapolis Community and Technical College	5055 Aviation Center	ACTIVE	Certificate	19	Land	
47.060703 Aircraft Structures	Minneapolis Community and Technical College	5055 Aviation Center	ACTIVE	Certificate	17	Land	
47.060701 Aircraft Technician - Airframe	Minneapolis Community and Technical College	5055 Aviation Center	ACTIVE	AAS	63	Land	
47.060701 Aviation Maintenance Technology	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	AAS	103	Land	
47.060701 Aviation Maintenance Technology	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Diploma	88	Land	
47.060700 Unmanned Aerial Systems Maintenance Technician	Northland Community and Technical College	5524 Thief River Falls Campus	NEW	Certificate	30	Land	
47.0608 AIRCRAFT POWERPLANT TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of aircraft powerplant and related systems. Instruction includes engine inspection and maintenance, lubrication and cooling, electrical and ignition systems, carburetion, fuels and fuel systems, propeller and fan assemblies.						F	Y
47.060802 Aircraft Powerplant	Minneapolis Community and Technical College	5055 Aviation Center	ACTIVE	Certificate	18	Land	
47.060803 Aircraft Systems	Minneapolis Community and Technical College	5055 Aviation Center	ACTIVE	Certificate	18	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
47.060801 Aircraft Technician - Powerplant	Minneapolis Community and Technical College	5055	Aviation Center	ACTIVE	AAS	67	Land		
47.0611 MOTORCYCLE MAINTENANCE AND REPAIR TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain motorcycles and other similar powered vehicles. Includes instruction in lubrication and cooling systems, electrical and ignition systems, carburetion, fuel systems and adjustments of moving parts. Examples: [Motorcycle Mechanic]								F	Y
47.061101 Motorcycle Technician	Hennepin Technical College	5036	Eden Prairie Campus	ACTIVE	Certificate	30	Land		
47.0613 MEDIUM/HEAVY VEHICLE AND TRUCK TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to the specialized maintenance and repair of trucks, buses, and other commercial and industrial vehicles. Includes instruction in diesel engine mechanics, suspension and steering, brake systems, electrical and electronic systems, preventive maintenance inspections, drive trains, gasoline engine mechanics, HVAC systems, and auxiliary equipment installation and repair. Examples: [Commercial Trailer Mechanic], [Transport Trailer Technician], [Truck and Coach Technician], [Truck and Transport Mechanic], [Truck-Trailer Service Technician], [Commercial Transport Vehicle Mechanic]								F	Y
47.061301 Heavy Duty Truck Technology	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	72	Land		
47.061301 Heavy Duty Truck Technology	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	64	Land		
47.061301 Truck Fleet Maintenance	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	29	Land		
47.061303 Medium Heavy Truck Drivetrain Technician	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	44	Land		
47.061302 Medium Heavy Truck Maintenance Technician	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	Diploma	43	Land		
47.061301 Medium Heavy Truck Technology	Hennepin Technical College	5035	Brooklyn Park-HTC Campus	ACTIVE	AAS	94	Land		
47.061301 Truck Technician	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	67	Land		
47.061301 Medium/Heavy Truck Technician	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	72	Land		
47.061301 Medium/Heavy Truck Technician	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	67	Land		
47.0615 ENGINE MACHINIST. A program that prepares individuals to apply technical knowledge and skills to the building and reconstruction of automotive and commercial vehicle engines. Includes instruction in cylinder head and block, crack repair, crankshaft inspection and repair, connecting rods and pistons, balancing, block preparation, disassembly and repair, engine assembly, gas and diesel technology, and inspection and machining.								F	Y
47.061503 Automotive Industrial Machinist - Cylinder Block Specialist	Riverland Community College, A Technical & Community College	5139	Austin Campus	ACTIVE	Certificate	21	Land		
47.061504 Automotive Industrial Machinist - Cylinder Head Specialist	Riverland Community College, A Technical & Community College	5139	Austin Campus	ACTIVE	Certificate	21	Land		
47.0616 MARINE MAINTENANCE/FITTER AND SHIP REPAIR TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply technical knowledge and skills to repair outboard and inboard engines; test, maintain, and repair steering devices and electrical systems; repair metal, wood, and fiberglass hulls and vessel components; fabricate and maintain sails; and repair and balance propellers and drive shafts.								F	Y
47.061601 Marine and Small Engine Mechanic	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	72	Land		
47.061601 Marine and Small Engine Technology	Central Lakes College	5007	Brainerd Campus	ACTIVE	AAS	72	Land		
47.061601 Marine and Small Engine Technology	Central Lakes College	5007	Brainerd Campus	ACTIVE	Diploma	64	Land		
47.061601 Marine, Motorsport and Outdoor Power Equipment Technician	Hennepin Technical College	5036	Eden Prairie Campus	ACTIVE	AAS	72	Land		
47.061601 Marine, Motorsport and Outdoor Power Equipment Technician	Hennepin Technical College	5036	Eden Prairie Campus	ACTIVE	Diploma	64	Land		
47.061602 Outboard Technician	Hennepin Technical College	5036	Eden Prairie Campus	ACTIVE	Certificate	30	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
47.061601 Marine Engine Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	69	Land		
47.061601 Marine Engine Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Certificate	30	Land		
47.061602 Marine Engine Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Diploma	60	Land		
47.0617 HIGH PERFORMANCE AND CUSTOM ENGINE TECHNICIAN/MECHANIC. A program that prepares individuals to apply technical knowledge and skills to increase the power of diesel and automotive engines; enhance the performance of automobiles; and repair, service, and maintain high performance vehicles. Includes instruction in adding performance accessories; modifying powertrains; tuning custom engines, suspension, and exhaust systems; and using dynamometers and other diagnostic equipment. Examples: [High Performance Powertrain Technician/Mechanic], [Automotive High Performance Technician/Mechanic]								Y
47.061700 High Performance Engine Machinist	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	72	Land		
47.061700 High Performance Engine Machinist	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	64	Land		
Pathway: Transportation Operations								
15.0803 AUTOMOTIVE ENGINEERING TECHNOLOGY/TECHNICIAN. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing, manufacturing and testing self-propelled ground vehicles and their systems. Includes instruction in vehicular systems technology, design and development testing, prototype and operational testing, inspection and maintenance procedures, instrument calibration, test equipment operation and maintenance, and report preparation.							F	N
15.080301 Automotive Engineering Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	128	Land		
49.0102 AIRLINE/COMMERCIAL/PROFESSIONAL PILOT AND FLIGHT CREW. A program that prepares individuals to apply technical knowledge and skills to the flying and/or navigation of commercial passenger and cargo, agricultural, public service, corporate and rescue fixed wing aircraft. Includes instruction in principles of aircraft design and performance, aircraft flight systems and controls, flight crew operations and procedures, radio communications, navigation procedures and systems, airways safety and traffic regulations, and governmental rules and regulations pertaining to piloting aircraft. Programs may qualify individuals to sit for the FAA commercial and airline aircrew examinations.							F	N
49.010201 Professional Pilot	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	60	Land		
49.010201 Professional Pilot	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	34	Land		
49.010201 Professional Pilot	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Certificate	36	Land		
49.0104 AVIATION/AIRWAY MANAGEMENT AND OPERATIONS. A program that prepares individuals to apply technical knowledge and skills to the management of aviation industry operations and services. Includes instruction in airport operations, ground traffic direction, ground support and flightline operations, passenger and cargo operations, flight safety and security operations, aviation industry regulation, and related business aspects of managing aviation enterprises.							F	N
49.010401 Management for Airline Professionals	Dakota County Technical College	2007 Apple Valley Higher Education site	ACTIVE	AAS	64	Land		
49.010400 Aviation	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
49.010211 Professional Flight			ACTIVE	EMPH	11			
49.010412 Aviation Management			ACTIVE	EMPH	11			
49.0105 AIR TRAFFIC CONTROLLER. A program that prepares individuals to apply technical knowledge and skills to air-traffic management and control, usually with additional training at the FAA Flight Control Center in a cooperative education program. Includes instruction in flight control, the use of radar and electronic scanning devices, plotting of flights, radio communication, interpretation of weather conditions affecting flights, flight instrumentation used by pilots, and maintenance of flight-control center or control-tower log books.							F	Y
49.010501 Air Traffic Control	Minneapolis Community and Technical College	5055 Aviation Center	ACTIVE	AAS	60	Land		
49.0199 AIR TRANSPORTATION, OTHER. Any instructional program in aviation and air transportation services not listed above.							B	Y
49.019901 Commercial/CFI Helicopter Training	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Certificate	16	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
49.019902 Private/Instrument Helicopter Training	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Certificate	16	Land		
49.019901 Professional Helicopter Training	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	60	Land		
49.0205 TRUCK AND BUS DRIVER/COMMERCIAL VEHICLE OPERATOR AND INSTRUCTOR. A program that prepares individuals to apply technical knowledge and skills to drive trucks and buses, delivery vehicles, for-hire vehicles and other commercial vehicles, or to instruct commercial vehicle operators. Includes instruction in operating gas, diesel, or electrically-powered vehicles; loading and unloading cargo or passengers; reporting delays or accidents on the road; verifying load against shipping papers; arranging transportation for personnel; and keeping records of receipts and fares.							F	Y
49.020504 Truck Driving	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	20	Land		
49.020503 Truck Driving - B-CDL	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	17	Land		
49.020501 Professional Truck Driver	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	NEW	Certificate	16	Land		
49.020501 Truck Driving	Lake Superior College	5202 Emergency Response Training Center	ACTIVE	Certificate	9	Land		
49.020501 Truck Driving	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	20	Land		
49.020501 Truck Driver	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	Certificate	16	Land		
49.020501 Commercial Vehicle Operator	Northland Community and Technical College	5495 EACE - Northland Community and Technical Colleg	ACTIVE	Certificate	18	Land		
49.020501 Truck Driving	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Certificate	22	Land		
49.0208 RAILROAD AND RAILWAY TRANSPORTATION. A program that prepares individuals to apply technical knowledge and skills to the operation of railroads and other aspects of the railway industry, including railroad and railyard service. Includes instruction in railway culture, operating skills, General Code of Operation rules, conductor service, signal systems, switching, transportation of hazardous materials, safety, and railway telecommunications systems. Examples: [Railway Operations], [Railroad Conductor], [Locomotive Engineer], [Brakeman/Brakewoman], [Railway Dispatcher], [Yardmaster], [Railroad Maintenance of Way Welding]								Y
49.020803 Railroad Conductor Technology	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	16	Land		

FIELD: HEALTH SCIENCE TECHNOLOGY

Cluster: Health Science

Pathway: Biotechnology Research and Development

26.1201 BIOTECHNOLOGY. A program that focuses on the application of the biological sciences, biochemistry, and genetics to the preparation of new and enhanced agricultural, environmental, clinical, and industrial products, including the commercial exploitation of microbes, plants, and animals. Includes instruction in bioinformatics, gene identification, phylogenetics and comparative genomics, bioinorganic chemistry, immunoassaying, DNA sequencing, xenotransplantation, genetic engineering, industrial microbiology, drug and biologic development, enzyme-based production processes, patent law, biotechnology management and marketing, applicable regulations, and biotechnology ethics.

26.120101 Biotechnology	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Land	B	N
26.120101 Biotechnology	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	NEW	AAS	63	Land		
26.120101 Biotechnology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
26.120101 Biotechnology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	AS	60	Land		
26.120101 Biotechnology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	28	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
26.120101 Biotechnology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
51.0000 HEALTH SERVICES/ALLIED HEALTH/HEALTH SCIENCES, GENERAL. A general, introductory, undifferentiated, or joint program in health services occupations that prepares individuals for either entry into specialized training programs or for a variety of concentrations in the allied health area. Includes instruction in the basic sciences, research and clinical procedures, and aspects of the subject matter related to various health occupations.							B	Y
51.000001 Health Sciences Broad Field	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	NEW	AS	60	Either		
51.000000 Health Sciences Broad Field	Lake Superior College	5047 Duluth Campus	PRENEW	AS	60	Land		
51.000002 Health Sciences Broad Field	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	AS	60	Land		
51.000000 Health Sciences Broad Field	Rochester Community and Technical College	5186 Rochester - RCTC Campus	PRENEW	AS	60	Land		
51.000000 Health Sciences Broad Field	South Central College	5183 Faribault Campus	NEW	AS	60	Either		
51.0719 CLINICAL RESEARCH COORDINATOR. A program that prepares individuals for careers as clinical research administrators or clinical research coordinators where they work under the supervision of a Principal Investigator to organize, coordinate and administer clinical research trials. Includes instruction in pharmacology, medical terminology, foundations of clinical research, project management, ethics, research design and data management, and legal and regulatory compliance . Examples: [Clinical Research Trial Coordination], [Clinical Trials Research], [Clinical Trials Management]								N
51.071900 Clinical Research Professional	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	22	Land		
51.071900 Clinical Research Coordination	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	61	Land		
51.071900 Clinical Research Coordination	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	36	Land		
51.071900 Applied Clinical Research	St. Cloud State University	5643 6401 Sycamore Ct N., Maple Grove	ACTIVE	MS	34	Land		
Pathway: Diagnostic Services								
51.0901 CARDIOVASCULAR TECHNOLOGY/TECHNOLOGIST. A program that prepares individuals to perform invasive, noninvasive, and peripheral examinations of the cardiovascular system at the request of physicians to aid in diagnoses and therapeutic treatments. Includes instruction in reviewing and recording patient histories and clinical data, patient care, investigative and examination procedures, diagnostic procedures, data analysis and documentation, physician consultation, equipment operation and monitoring, and professional standards and ethics.							B	Y
51.090101 Cardiovascular Technology--Invasive	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	68	Land		
51.090101 Cardiovascular Invasive Specialist	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	62	Land		
51.090103 Cardiovascular Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	71	Land		
51.0903 ELECTRONEURODIAGNOSTIC/ELECTROENCEPHALOGRAPHIC TECHNOLOGY/TECHNOLOGIST. A program that prepares individuals, under the supervision of a physician, to study and record electrical activity in the brain and nervous system for purposes of patient monitoring and supporting diagnoses. Includes instruction in patient communication and care; taking and abstracting patient histories; application of recording electrodes; EEG, EP, and PSG equipment operation and procedural techniques; and data recording and documentation.							B	Y
51.090301 Electroneurodiagnostic Technology	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	65	Land		
51.090301 Electroneurodiagnostic Technology	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	36	Land		
51.090301 Clinical Neurophysiology Technology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	81	Land		
51.0904 EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (EMT PARAMEDIC). A program that prepares individuals, under the remote supervision of physicians, to recognize, assess, and manage medical emergencies in prehospital settings and to supervise Ambulance personnel. Includes instruction in basic, intermediate, and advanced EMT procedures; emergency surgical procedures; medical triage; rescue operations; crisis scene management and personnel supervision; equipment operation and maintenance; patient stabilization, monitoring, and care; drug administration; identification and preliminary diagnosis of diseases and injuries; communication and computer operations; basic anatomy, physiology, pathology, and toxicology; and professional standards and regulations.							B	Y

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
51.090403 Paramedic for Experienced EMT	Century College, A Community and Technical College	5024 White Bear Lake Campus	NEW	AAS	60	Land		
51.090403 Paramedic for Experienced EMT	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	47	Land		
51.090402 Paramedic Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	59	Land		
51.090402 Paramedic Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	76	Land		
51.090401 Emergency Health Services	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	64	Land		
51.090401 Paramedic	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	29	Land		
51.090401 Paramedic	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	AAS	72	Land		
51.090402 Firefighter/Paramedic	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	72	Land		
51.090403 Intensive Care Paramedic	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	60	Land		
51.090401 Acute Care Paramedic	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	66	Land		
51.090401 Acute Care Paramedic	Ridgewater College, A Community and Technical College	5115 Hennepin County Medical Center	ACTIVE	Diploma	48	Land		
51.090401 Intensive Care Paramedic	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	65	Land		
51.090401 Intensive Care Paramedic	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	40	Land		
51.090401 Intensive Care Paramedic Technician	South Central College	5183 North Mankato Campus	ACTIVE	AAS	72	Land		
51.090401 Intensive Care Paramedic Technician	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	58	Land		
51.090401 Paramedicine	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	64	Land		
51.0905 NUCLEAR MEDICAL TECHNOLOGY/TECHNOLOGIST. A program that prepares individuals, under the supervision of physicians, to employ radioactive and stable nuclides in diagnostic evaluations and therapeutic applications while monitoring for patient health and safety. Includes instruction in nuclear physics, health physics, instrumentation and statistics, biochemistry, immunology, radiopharmacology, radiation biology, clinical nuclear medicine, radionuclide therapy, computer applications, safety regulations, equipment operation, quality control, laboratory procedures, taking patient histories, patient evaluation and monitoring, emergency first aid, administration and record-keeping, and personnel supervision.							B	N
51.090501 Nuclear Medicine Technology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
51.0907 MEDICAL RADIOLOGIC TECHNOLOGY/SCIENCE - RADIATION THERAPIST. A program that prepares individuals to administer prescribed courses of radiation treatment, manage patients undergoing radiation therapy, and maintain pertinent records. Includes instruction in applied anatomy and physiology, oncologic pathology, radiation biology, radiation oncology procedures and techniques, radiation dosimetry, tumor localization, treatment planning, patient communication and management, data collection, record-keeping, and applicable standards and regulations.							M	N
51.090701 Radiologic Technology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
51.0910 DIAGNOSTIC MEDICAL SONOGRAPHY/SONOGRAPHER AND ULTRASOUND TECHNICIAN. A program that prepares individuals, under the supervision of physicians, to utilize medical ultrasound techniques to gather sonographic data used to diagnose a variety of conditions and diseases. Includes instruction in obtaining, reviewing, and integrating patient histories and data; patient instruction and care; anatomic, physiologic and pathologic data recording; sonographic data processing; sonography equipment operation; and professional standards and ethics. Examples: [Vascular Sonography]							B	Y
51.091001 Diagnostic Medical Sonography	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	72	Land		
51.091001 Diagnostic Medical Sonography - Generalist	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	71	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
51.0911 RADIOLOGIC TECHNOLOGY/SCIENCE - RADIOGRAPHER. A program that prepares individuals, under the supervision of physicians, to provide medical imaging services to patients and attending health care professionals. Includes instruction in applied anatomy and physiology, patient positioning, radiographic technique, radiation biology, safety and emergency procedures, equipment operation and maintenance, quality assurance, patient education, and medical imaging/radiologic services management.						B	Y
51.091101 Computed Tomography	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
51.091101 Radiologic Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	78	Land	
51.091101 Radiologic Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	82	Land	
51.091101 Radiography	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	NEW	AAS	85	Land	
51.091101 Radiologic Technology	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AAS	89	Either	
51.091101 Radiologic Technology	Minnesota West Community and Technical College	5598 Luverne Educational Center for Health Careers	ACTIVE	AAS	91	Land	
51.091101 Radiologic Technology	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	83	Land	
51.091101 Radiography	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	AAS	86	Land	
51.091101 Radiography (Xray Technology)	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	85	Land	
51.0917 POLYSOMNOGRAPHY. A program that prepares individuals to work under the supervision of a physician to provide comprehensive evaluation and treatment of sleep disorders. Includes instruction in human anatomy and physiology, polysomnographic technology, polysomnography scoring, neuroanatomy and neurophysiology of sleep, sleep disorders, and medical terminology. Examples: [Polysomnography], [Polysomnography/Sleep Technology]							Y
51.091700 Polysomnographic Technology	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Land	
51.091700 Polysomnographic Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	16	Land	
51.1002 CYTOTECHNOLOGY/CYTOTECHNOLOGIST. A program that prepares individuals to work with pathologists to detect changes in body cells that may indicate, and permit diagnosis of, the early development of cancers and other diseases. Includes instruction in biochemistry, microbiology, applied mathematics, microscopy, slide preparation, identification of cellular structures and abnormalities, and laboratory procedures and safety.						M	N
51.100201 Cytotechnology	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land	
51.1004 CLINICAL/MEDICAL LABORATORY TECHNICIAN. A program that prepares individuals, under the supervision of clinical laboratory scientists/medical technologists, to perform routine medical laboratory procedures and tests and to apply preset strategies to record and analyze data. Includes instruction in general laboratory procedures and skills; laboratory mathematics; medical computer applications; interpersonal and communications skills; and the basic principles of hematology, medical microbiology, immunohematology, immunology, clinical chemistry, and urinalysis.						M	Y
51.100401 Medical Laboratory Technician	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land	
51.100401 Medical Laboratory Technician	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	68	Either	
51.100401 Medical Laboratory Technician	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	64	Land	
51.100400 Medical Laboratory Technician	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	NEW	AAS	70	Land	
51.100401 Medical Laboratory Technology	Minnesota State Community and Technical College	5490 Fergus Falls Campus	ACTIVE	AS	60	Land	
51.100401 Medical Laboratory Technician	Minnesota West Community and Technical College	5598 Luverne Educational Center for Health Careers	ACTIVE	AAS	72	Land	
51.100402 Medical Lab Technology	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AAS	60	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
51.100401 Medical Laboratory Technician	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	72	Land		
51.100401 Medical Laboratory Technician	South Central College	5183 Faribault Campus	ACTIVE	AAS	72	Either		
51.1005 CLINICAL LABORATORY SCIENCE/MEDICAL TECHNOLOGY/TECHNOLOGIST. A program that prepares individuals to conduct and supervise complex medical tests, clinical trials, and research experiments; manage clinical laboratories; and consult with physicians and clinical researchers on diagnoses, disease causation and spread, and research outcomes. Includes instruction in the theory and practice of hematology, clinical chemistry, microbiology, immunology, immunohematology, physiological relationships to test results, laboratory procedures and quality assurance controls, test and research design and implementation, analytic techniques, laboratory management, data development and reporting, medical informatics, and professional standards and regulations.							M	N
51.100501 Clinical Laboratory Science	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land		
51.100501 Medical Technology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	128	Land		
51.100502 Medical Laboratory Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
51.100501 Medical Laboratory Science	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land		
51.100501 Medical Laboratory Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
51.100502 Clinical Laboratory Science	Winona State University	2037 EACE - Winona State University	NEW	BS	120	Land		
51.1007 HISTOLOGIC TECHNOLOGY/HISTOTECHNOLOGIST. A program that prepares individuals, at the request of physicians, researchers, and laboratory scientists, to identify tissue structures and cell components and relate these findings to physiological functions and to the detection and diagnosis of diseases and other abnormalities. Includes instruction in medical chemistry, histochemistry, biochemistry, anatomy, physiology, medical informatics, applied mathematics, electron microscopy, instrumentation, quality control procedures, data recording and analysis, laboratory administration, medical terminology, and professional standards and ethics.							M	Y
51.100701 Histology Technician	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land		
51.1008 HISTOLOGIC TECHNICIAN. A program that prepares individuals, under the supervision of histotechnologists and other clinical laboratory scientists, to prepare and process tissue samples and perform routine histologic procedures and tests. Includes instruction in fixation, dehydration, embedding, sectioning, decalcification, microincineration, mounting, routine and special steaming, laboratory mathematics, laboratory procedures and safety, instrumentation and microscopy, computer applications, preparation of museum specimens, and recording and administrative procedures.							M	Y
51.100800 Histotechnology	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AAS	60	Land		
51.1009 PHLEBOTOMY TECHNICIAN/PHLEBOTOMIST. A program that prepares individuals, under the supervision of physicians and other health care professionals, to draw blood samples from patients using a variety of intrusive procedures. Includes instruction in basic vascular anatomy and physiology, blood physiology, skin puncture techniques, venipuncture, venous specimen collection and handling, safety and sanitation procedures, and applicable standards and regulations.							B	Y
51.100901 Phlebotomy Technician	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	19	Land		
51.100901 Phlebotomy	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	14	Land		
51.100901 Phlebotomy	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	16	Land		
51.100900 Phlebotomy	Minnesota State College-Southeast Technical	5114 Winona-MSU-ST Campus	NEW	Certificate	9	Land		
51.100901 Phlebotomy Technician	Minnesota State Community and Technical College	5490 Fergus Falls Campus	ACTIVE	Certificate	11	Land		
51.100901 Phlebotomy Technician	Minnesota West Community and Technical College	5598 Luverne Educational Center for Health Careers	ACTIVE	Certificate	23	Land		
51.100901 Phlebotomy	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Certificate	16	Land		
51.100901 Phlebotomist	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Certificate	19	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
51.100901 Phlebotomy	South Central College	5185 Faribault Campus	ACTIVE	Certificate	16	Either		
Pathway: Health Informatics								
09.0905 HEALTH COMMUNICATION. A program that focuses on how people, individually and collectively, understand and accommodate to health and illness and the role of communication and media in shaping professional health care messages and public acceptance of these messages. Includes instruction in the development and use of health-related and care-related messages and media; the goals and strategies of health care promotion; relationships, roles, situations, and social structures in the context of health maintenance and promotion; and applications to disease prevention, health advocacy, and communications concerning treatments. Examples: [Health and Health Science Communication]							B	N
09.090500 Health Promotion	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land		
13.130700 School Health			ACTIVE	EMPH	84			
51.0703 HEALTH UNIT COORDINATOR/WARD CLERK. A program that prepares individuals, under the supervision of nurses or ward supervisors, to perform routine administrative and reception duties in a patient care unit within a hospital or other health care facility. Includes instruction in receiving and directing visitors, transcribing medical and nursing orders, preparing requisition forms, scheduling patient appointments and procedures, monitoring patients and personnel, and interpersonal skills.							M	Y
51.070301 Health Unit Coordinator	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	17	Land		
51.070301 Nursing Station Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	33	Land		
51.070301 Health Unit Coordinator	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	29	Either		
51.070301 Health Unit Coordinator	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	21	Land		
51.070302 Health Unit Coordinator	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	27	Land		
51.070302 Health Unit Coordinator	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	17	Land		
51.070303 Nursing Station Technician	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	25	Land		
51.070301 Health Unit Coordinator	South Central College	5183 Faribault Campus	ACTIVE	Certificate	16	Land		
51.0707 HEALTH INFORMATION/MEDICAL RECORDS TECHNOLOGY/TECHNICIAN. A program that prepares individuals, under the supervision of health information administrators and other professionals, to construct medical records and clinical databases, perform manipulations on retrieved data, control the security and quality of records, and supervise data entry and technical maintenance personnel. Includes instruction in clinical and biomedical science data and information requirements, database management, data coding and validation, information security, quality control, health information content and structure, medical business procedures, and legal requirements.							M	Y
51.070701 Health Information Technology	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	69	Land		
51.070701 Healthcare Documentation Specialist	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	60	Land		
51.070701 Healthcare Documentation Specialist	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	44	Land		
51.070701 Health Information Technology	Minnesota State Community and Technical College	1041 Virtual - MN State Community & Technical College	ACTIVE	AAS	64	Online		
51.070701 Health Information Technician	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	65	Land		
51.070701 Health Information Technology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	64	Either		
51.070701 Healthcare Informatics	Rochester Community and Technical College	1030 Virtual - Rochester Community and Technical Colle	ACTIVE	Certificate	24	Online		
51.070701 Health Information Technology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	65	Land		
51.070701 Health Information Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	66	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
51.0708 MEDICAL TRANSCRIPTION/TRANSCRIPTIONIST. A program that prepares individuals to execute verbatim medical conference minutes, medical reports, and medical orders. Includes instruction in dictation and simultaneous recording, analysis of notes and visual evidence, medical terminology, data processing applications and skills, formal medical report and correspondence formats, professional standards, and applicable law and regulations.							B	Y
51.070801 Medical Transcriptionist/Editor	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	46	Either	
51.070801 Medical Transcriptionist	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	39	Land	
51.070801 Medical Transcriptionist	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	30	Land	
51.070802 Medical Secretary Transcriptionist	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Certificate	28	Either	
51.070801 Medical Transcriptionist	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	Diploma	40	Either	
51.070801 Medical Transcriptionist/Editor	Northland Community and Technical College	1039	Virtual - Northland Community and Technical Colleg	ACTIVE	Diploma	31	Online	
51.070801 Medical Transcriptionist	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	29	Either	
51.070801 Medical Transcriptionist	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Certificate	22	Land	
51.070801 Advanced Medical Transcriptionist Specialist	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	Certificate	10	Land	
51.070801 Medical Transcriptionist	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	21	Either	
51.070801 Medical Transcriptionist	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Diploma	33	Either	
51.070801 Medical Transcriptionist	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	30	Land	
51.0713 MEDICAL INSURANCE CODING SPECIALIST/CODER. A program that prepares individuals to perform specialized data entry, classification, and record-keeping procedures related to medical diagnostic, treatment, billing, and insurance documentation. Includes instruction in medical records and insurance software applications, basic anatomy and physiology, medical terminology, fundamentals of medical science and treatment procedures, data classification and coding, data entry skills, and regulations relating to Medicare and insurance documentation.							M	Y
51.071301 Medical Coding Specialist	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Certificate	17	Either	
51.071301 Medical Coding Specialist	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	50	Either	
51.071301 Medical Coding Specialist	Anoka Technical College	5003	Anoka Campus	ACTIVE	Diploma	42	Land	
51.071301 Medical Coding	Hibbing Community College, A Technical and Community College	5040	Hibbing Campus	ACTIVE	Diploma	42	Land	
51.071301 Health Insurance and Billing	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	30	Land	
51.071301 Medical Coding Specialist	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	AAS	69	Either	
51.071301 Medical Coding Specialist	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Diploma	45	Either	
51.071301 Medical Coding and Insurance	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	Diploma	50	Either	
51.071301 Medical Coding Specialist	Minnesota West Community and Technical College	5058	Canby Campus	ACTIVE	Diploma	32	Land	
51.071301 Medical Coding Specialist	Northland Community and Technical College	1039	Virtual - Northland Community and Technical Colleg	ACTIVE	Certificate	25	Online	
51.071300 Medical Coding	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	AAS	60	Either	

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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
51.071301 Medical Coding	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	23	Either		
51.071300 Medical Coding	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Diploma	39	Either		
51.071301 Medical Coding Specialist	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Diploma	50	Land		
51.071301 Coding Specialist	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Diploma	41	Either		
51.071303 Medical Coding	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	34	Land		
51.0714 MEDICAL INSURANCE SPECIALIST/MEDICAL BILLER. A program that prepares individuals to perform and manage the medical and health insurance operations in a medical office, health care facility, health maintenance organization, or insurance provider. Includes instruction in health and medical insurance processes; health insurance law, policy, and regulations; insurance records and paperwork administration; insurance office administration; health/medical insurance software applications; personnel supervision; business mathematics; billing and collection procedures; medical terminology; and communications skills.							M		Y
51.071400 Billing Compliance Specialist	Minnesota State Community and Technical College	1041	Virtual - MN State Community & Technical College	ACTIVE	Certificate	25	Online		
51.071401 Medical Insurance	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	17	Either		
Pathway: Support Services									
19.0501 FOODS, NUTRITION, AND WELLNESS STUDIES, GENERAL. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.							M		Y
19.050101 Nutrition	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	AS	60	Land		
51.0701 HEALTH/HEALTH CARE ADMINISTRATION/MANAGEMENT. A program that prepares individuals to develop, plan, and manage health care operations and services within health care facilities and across health care systems. Includes instruction in planning, business management, financial management, public relations, human resources management, health care systems operation and management, health care resource allocation and policy making, health law and regulations, and applications to specific types of health care services.							B		Y
51.070100 Dental Practice Management	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	16	Land		
51.070100 Healthcare Supervision and Leadership	Minnesota West Community and Technical College	1021	Virtual - Minnesota West Community and Technical C	ACTIVE	Certificate	19	Online		
51.070100 Management and Supervision in Healthcare	Minnesota West Community and Technical College	1021	Virtual - Minnesota West Community and Technical C	ACTIVE	AS	60	Online		
51.0705 MEDICAL OFFICE MANAGEMENT/ADMINISTRATION. A program that prepares individuals to manage the specialized business functions of a medical or clinical office. Includes instruction in business office operations, business and financial record-keeping, personnel supervision, medical and health care policy administration, conference planning, scheduling and coordination, public relations, and applicable law and regulations.							B		Y
51.070503 Medical Business Office Management	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	AAS	60	Either		
51.0709 MEDICAL OFFICE COMPUTER SPECIALIST/ASSISTANT. A program that prepares individuals to apply computer programming, troubleshooting, and information technology skills to the installation, maintenance, and upgrade of standard, customized, or proprietary medical software and associated hardware. Includes instruction in computer programming, systems analysis, networking, telecommunications, medical records and informatics software applications, information technology, systems administration, computer security, and applicable regulations and certifications or licenses.							B		Y
51.070901 Informatics for Healthcare	Normandale Community College	5074	Bloomington Campus	NEW	AAS	60	Land		
51.070900 Health Data Specialist	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	NEW	AAS	65	Land		
51.0710 MEDICAL OFFICE ASSISTANT/SPECIALIST. A program that prepares individuals, under the supervision of office managers and other professionals, to perform routine administrative duties in a medical, clinical, or health care facility/system office environment. Includes instruction in general office skills, data processing, office equipment operation, principles of medical record-keeping and business regulations, medical/clinical office procedures, and communications skills.							M		Y

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
51.071000 Medical Secretary	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	32	Land	
51.071000 Medical Administrative Support	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	47	Land	
51.071001 Medical Office Support	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	18	Land	
51.071000 Medical Administrative Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	39	Land	
51.071000 Medical Administrative Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	49	Land	
51.071000 Medical Secretary	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	40	Land	
51.071000 Dental Office Support Personnel	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	17	Land	
51.071001 Medical Office Assistant	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	36	Land	
51.071000 Medical Secretary	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Diploma	40	Either	
51.071000 Medical Office Assistant	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	44	Either	
51.071000 Medical Secretary	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	35	Land	
51.071000 Medical Office Specialist	Northland Community and Technical College	1039 Virtual - Northland Community and Technical Colleg	ACTIVE	Diploma	42	Online	
51.071002 Medical Business Office Support	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	31	Either	
51.071001 Medical Secretary	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	36	Either	
51.071000 Healthcare Administrative Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	48	Land	
51.071004 Medical Administrative Assistant	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	64	Land	
51.071005 Medical Secretary	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Diploma	34	Land	
51.071001 Medical Office Professional	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land	
51.071001 Office Technology Assistant - Medical	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	35	Land	
51.0712 MEDICAL RECEPTION/RECEPTIONIST. A program that prepares individuals, under the supervision of office managers, nurses, or physicians, to provide customer service, visitor reception, and patient intake and discharge services. Includes instruction in medical office and health care facility procedures, medical terminology, interpersonal skills, record-keeping, customer service, telephone skills, data entry, interpersonal communications skills, and applicable policies and regulations. Examples: [Veterinary Receptionist]						M	Y
51.071201 Medical Receptionist	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	42	Land	
51.071201 Medical Receptionist	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	25	Land	
51.071201 Medical Receptionist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	28	Land	
51.071201 Medical Receptionist	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	30	Land	
51.071201 Medical Receptionist	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	34	Either	
51.071201 Medical Receptionist	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	22	Land	

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(F)emale nontraditional
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
51.071201 Medical Receptionist	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	28	Land	
51.071203 Medical Office	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	20	Land	
51.0716 MEDICAL ADMINISTRATIVE/EXECUTIVE ASSISTANT AND MEDICAL SECRETARY. A program that prepares individuals to perform the duties of special assistants and personal secretaries for practicing physicians and nurses, health care facilities and services administrators, and other health care professionals. Includes instruction in business and medical communications, medical terminology, principles of health care operations, public relations and interpersonal communications, software applications, record-keeping and filing systems, scheduling and meeting planning, applicable policy and regulations, and professional standards and ethics. Examples: [Dental Secretary], [Veterinary Secretary], [Veterinary Office Administration]						M	Y
51.071601 Medical Administrative Specialist	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	70	Either	
51.071601 Medical Administrative Specialist	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	62	Land	
51.071601 Medical Administrative Secretary	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	60	Land	
51.071602 Medical Office Assistant	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
51.071601 Medical Administrative Specialist	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	60	Land	
51.071601 Medical Administrative Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	60	Land	
51.071601 Medical Administrative Assistant	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	60	Land	
51.071601 Medical Administrative Secretary	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	63	Land	
51.071601 Medical Administrative Secretary	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	AAS	68	Either	
51.071601 Medical Administrative Assistant	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AAS	60	Either	
51.071601 Medical Administrative Secretary	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AAS	64	Land	
51.071601 Medical Administrative Assistant	Northland Community and Technical College	1039 Virtual - Northland Community and Technical Colleg	ACTIVE	AAS	60	Online	
51.071603 Medical Administrative Secretary	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	60	Either	
51.071601 Healthcare Administrative Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	70	Land	
51.071601 Medical Administrative Assistant	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	AAS	64	Land	
51.071601 Medical Secretary	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	60	Either	
51.071601 Medical Secretary	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Either	
51.1012 STERILE PROCESSING TECHNOLOGY/TECHNICIAN. A program that prepares individuals to clean, sterilize, and assemble surgical instruments, equipment, and supplies for use in operating rooms and other medical and surgical facilities. Includes instruction in sterilization; infection control; decontamination; and surgical instrumentation processing, distribution, and record-keeping.							Y
51.101200 Central Services Technician	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	10	Land	
51.2207 PUBLIC HEALTH EDUCATION AND PROMOTION. A program that focuses on the application of educational and communications principles and methods to the promotion of preventive health measures and the education of targeted populations on health issues, and prepares individuals to function as public health educators and health promotion specialists. Includes instruction in human development, health issues across the life span, population-specific health issues, principles and methods of public health education, administration of health education campaigns and programs, evaluation methods, public communications, and applications to specific public health subjects and issues.						B	N

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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
51.220701 Geriatric Health and Wellness Promotion	Minnesota State College-Southeast Technical	5113	Red Wing Campus	NEW	Certificate	30	Land		
51.220700 Public Health	Winona State University	5169	Winona-WSU Campus	ACTIVE	BS	120	Land		
26.130900 Epidemiology				ACTIVE	EMPH	19			
51.220800 Community Health				ACTIVE	EMPH	20			
51.2208 COMMUNITY HEALTH AND PREVENTIVE MEDICINE. A program that prepares public health specialists to plan and manage health services in local community settings, including the coordination of related support services, government agencies, and private resources. Includes instruction in public health, community health services and delivery, health behavior and cultural factors, local government operations, human services, health communication and promotion, health services administration in local settings, environmental health, preventive and comparative medicine, epidemiology, biostatistics, family and community health, and applicable law and regulations.								B	N
51.220800 Community Health	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Land		
51.220800 Community Health	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Land		
51.220800 Community Health	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BS	120	Land		
51.220802 Dental Health				ACTIVE	EMPH	30			
51.220803 Allied Health				ACTIVE	EMPH	30			
51.220800 Community Health	Minnesota State University, Mankato	5621	7700 France Ave. South, Edina	ACTIVE	MS	34	Land		
51.220800 Community Health Education	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land		
51.220811 Community Setting				ACTIVE	EMPH	15			
51.220813 Worksite Health Promotion Setting				ACTIVE	EMPH	15			
51.220814 Clinical Setting				ACTIVE	EMPH	17			
51.220800 Community Health Education	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MS	34	Land		
51.220800 Community Health	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
51.2211 HEALTH SERVICES ADMINISTRATION. A program that focuses on the application of policy analysis, public administration, business management, and communications to the planning and management of health services delivery systems in the public and private sectors, and prepares individuals to function as health services administrators and managers. Includes instruction in health systems planning, public health organization and management, public health policy formulation and analysis, finance, business and operations management, economics of health care, organizational and health communications, marketing, human resources management, and public health law and regulations.								B	N
51.221100 Health Services Administration	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BS	120	Land		
51.071801 Long-Term Care Administration				ACTIVE	EMPH	11			
51.221101 Health Services Administration	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	Minor	21	Land		
51.3103 DIETETIC TECHNICIAN (DTR). A program that prepares individuals, under the supervision of registered dietitians and nutritionists, to implement nutritional and dietetic plans and provide direct client and patient services. Includes instruction in human nutrition, client interviewing and record keeping, dietary planning, food preparation and safety, food worker supervision, food service establishment monitoring and inspection, and applicable procedures and regulations. Examples: [Dietetic Technician (DTR)], [Registered Dietetic Technician (DTR)]								M	Y
51.310301 Dietetic Technology	Normandale Community College	5074	Bloomington Campus	ACTIVE	AAS	67	Land		
Pathway: Therapeutic Services									
31.0501 HEALTH AND PHYSICAL EDUCATION, GENERAL. A general program that focuses on activities and principles that promote physical fitness, achieve and maintain athletic prowess, and accomplish related research and service goals. Includes instruction in human movement studies, motivation studies, rules and practice of specific sports, exercise and fitness principles and techniques, basic athletic injury prevention and treatment, and organizing and leading fitness and sports programs. Examples: [Coaching]								B	N
31.050100 Community Coaching	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	16	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
31.050104 Geriatric Health and Fitness	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	16	Land		
31.050101 Exercise Science	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land		
31.050103 Physical Education	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MA	34	Land		
31.050101 Exercise Science	Normandale Community College	5074	Bloomington Campus	ACTIVE	Certificate	12	Land		
31.050101 Physical Education	Southwest Minnesota State University	5577	Dakota County TC Campus	ACTIVE	BS	120	Land		
31.050101 Physical Education - Non-teaching	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BES	120	Land		
31.0505 KINESIOLOGY AND EXERCISE SCIENCE. A scientific program that focuses on the anatomy, physiology, biochemistry, and biophysics of human movement, and applications to exercise and therapeutic rehabilitation. Includes instruction in biomechanics, motor behavior, motor development and coordination, motor neurophysiology, performance research, rehabilitative therapies, the development of diagnostic and rehabilitative methods and equipment, and related analytical methods and procedures in applied exercise and therapeutic rehabilitation.								B	N
31.050501 Exercise Science	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Land		
31.050501 Exercise Science	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	Minor	35	Land		
31.050501 Exercise Science	Inver Hills Community College	5041	Inver Grove Heights Campus	NEW	AS	60	Land		
31.050501 Exercise Science	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BS	120	Land		
31.050501 Exercise Science	Southwest Minnesota State University	5161	Marshall Campus	NEW	BS	120	Land		
31.050501 Exercise Science	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	34	Land		
31.050500 Exercise and Rehabilitative Science	Winona State University	5169	Winona-WSU Campus	ACTIVE	BS	120	Land		
31.050514	Cardiopulmonary Rehabilitation			ACTIVE	EMPH	35			
31.050515	Movement Science			ACTIVE	EMPH	55			
31.050516	Exercise Science			ACTIVE	EMPH	31			
31.0507 PHYSICAL FITNESS TECHNICIAN. A program that prepares individuals for employment in health and fitness clubs, wellness centers, public and private recreation facilities, hospitals and corporate fitness programs where they will perform a variety of instructional and administrative duties. Includes instruction in human anatomy and physiology, fitness techniques, exercise science, personal training, nutrition, and customer service. Examples: [Fitness Technician], [Fitness Trainer], [Personal Trainer]									N
31.050700 Health and Fitness Specialist	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AAS	72	Land		
31.050700 Health and Fitness Specialist	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Certificate	16	Land		
31.050700 Health and Fitness Specialist	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	32	Land		
31.050700 Fitness Specialist	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	29	Land		
31.050706 Advanced Personal Training	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	16	Land		
31.050700 Exercise and Sport Science	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	60	Land		
31.050700 Exercise and Sport Science	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AS	60	Land		
31.050705 Group Fitness	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	16	Land		
31.050704 Personal Training	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Certificate	16	Land		
31.050700 Fitness and Health	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	AAS	60	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
31.050700 Corporate & Community Fitness/Wellness	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	16	Land		
31.050700 Health and Fitness Specialist	Northland Community and Technical College	1039 Virtual - Northland Community and Technical Colleg	ACTIVE	Certificate	29	Online		
31.050700 Fitness Specialist	Rainy River Community College	5111 International Falls Campus	ACTIVE	Certificate	10	Land		
31.050701 Group Fitness Instructor	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	Certificate	20	Land		
31.050701 Group Fitness Instructor	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	Diploma	30	Land		
31.050702 Personal Trainer	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	Certificate	20	Land		
31.050702 Personal Trainer	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	Diploma	30	Land		
51.0201 COMMUNICATION SCIENCES AND DISORDERS, GENERAL. A program that focuses on the application of biomedical, psychological, and physical principles to the study of the scientific bases, development, and treatment of speech, language, hearing, and cognitive communication problems caused by disease, injury, or disability. Includes instruction in language science, hearing science, speech and voice science, biology of communication, behavioral linguistics, psychology, and applications to the development of diagnostic and rehabilitative strategies and technologies. Examples: [Communication Sciences], [Communication Disorders], [Communication Sciences and Disorders]							M	N
51.020101 Communications Disorders	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
51.020101 Communications Disorders	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
51.020101 Communications Disorders	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land		
51.020101 Communication Sciences and Disorders	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land		
51.020101 Communication Sciences and Disorders	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
51.020101 Communication Sciences and Disorders	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	49	Land		
51.0203 SPEECH-LANGUAGE PATHOLOGY/PATHOLOGIST. A program that prepares individuals to evaluate the speaking, language interpretation, and related physiological and cognitive capabilities of children and/or adults and develop treatment and rehabilitative solutions in consultation with clinicians and educators. Includes instruction in the anatomy and physiology of speech and hearing, biomechanics of swallowing and vocal articulation, communications disorders, psychology of auditory function and cognitive communication, language assessment and diagnostic techniques, and rehabilitative and management therapies. Examples: [Speech Pathology], [Speech-Language Pathology]							M	N
51.020301 Speech-Language Pathology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	MS	53	Land		
51.0204 AUDIOLOGY/AUDIOLOGIST AND SPEECH-LANGUAGE PATHOLOGY/PATHOLOGIST. An integrated program that prepares individuals to work as both audiologists and speech-language pathologists. Includes instruction in a variety of communication disorder studies, audiology, speech pathology, language acquisition, and the design and implementation of comprehensive therapeutic and rehabilitative solutions to communications problems. Examples: [Audiology and Speech Pathology], [Audiology and Speech-Language Pathology]							M	N
51.020400 Speech-Language-Hearing Sciences	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land		
51.020401 Pre-Audiology			ACTIVE	EMPH	38			
51.0504 DENTAL PUBLIC HEALTH AND EDUCATION (CERT., MS/MPH, PHD/DPH). A program that focuses on the scientific study of dental disease prevention and control, community dental health promotion, and prepares dentists and public health professionals to function as dental health specialists. Includes instruction in preventive dentistry, the relationship of oral disease to health and quality of life, patient and practitioner behavior, dental epidemiology, nutrition and dental health, dental care policy and delivery, oral health program planning and administration, biostatistics, and research methods. Examples: [Dental Public Health and Education (Cert.)], [Dental Public Health and Education (MS, MPH)], [Dental Public Health and Education (PhD, DPH)]							F	N
51.050401 Advanced Dental Therapy	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	MS	43	Land		
51.0601 DENTAL ASSISTING/ASSISTANT. A program that prepares individuals to provide patient care, take dental radiographs (x-ray photographs), prepare patients and equipment for dental procedures, and discharge office administrative functions under the supervision of dentists and dental hygienists. Includes instruction in medical record-keeping, general office duties, reception and patient intake, scheduling, equipment maintenance and sterilization, basic radiography, pre- and post-operative patient care and instruction, chairside assisting, taking tooth and mouth impressions, and supervised practice.							M	Y

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
51.060101 Dental Assisting	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	60	Land
51.060101 Dental Assisting	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	44	Land
51.060101 Dental Assistant	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land
51.060101 Dental Assistant	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	48	Land
51.060101 Dental Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	64	Land
51.060101 Dental Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	44	Land
51.060101 Dental Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	61	Land
51.060101 Dental Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	50	Land
51.060101 Dental Assistant	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	72	Land
51.060101 Dental Assistant	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	40	Land
51.060101 Dental Assistant	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	39	Land
51.060101 Expanded Functions Dental Assistant	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	16	Land
51.060101 Dental Assisting	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AAS	63	Land
51.060101 Dental Assisting	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Diploma	47	Land
51.060101 Dental Assistant	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AAS	64	Land
51.060101 Dental Assistant	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	48	Land
51.060101 Dental Assisting	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	60	Land
51.060101 Dental Assisting	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	45	Land
51.060102 Dental Assistant	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	64	Land
51.060102 Dental Assistant	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	47	Land
51.060101 Dental Assistant Expanded Functions	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	13	Land
51.060101 Dental Assisting	South Central College	5183 North Mankato Campus	ACTIVE	AAS	66	Land
51.060101 Dental Assisting	South Central College	5183 North Mankato Campus	ACTIVE	Diploma	52	Land
51.060101 Dental Assistant	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	67	Land
51.060101 Dental Assistant	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	59	Land

51.0602 DENTAL HYGIENE/HYGIENIST. A program that prepares individuals to clean teeth and apply preventive materials, provide oral health education and treatment counseling to patients, identify oral pathologies and injuries, and manage dental hygiene practices. Includes instruction in dental anatomy, microbiology, and pathology; dental hygiene theory and techniques; cleaning equipment operation and maintenance; dental materials; radiology; patient education and counseling; office management; supervised clinical training; and professional standards. M N

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
51.060201 Dental Hygiene	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	79	Land	
51.060201 Dental Hygiene	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	84	Land	
51.060200 Dental Hygiene	Metropolitan State University	5408 Normandale Community College Campus	NEW	BS	120	Land	
51.060200 Baccalaureate Completion			ACTIVE	Pathw	21		
51.060201 Post-Baccalaureate in Dental Hygiene	Metropolitan State University	5408 Normandale Community College Campus	ACTIVE	Certificate	15	Land	
51.060201 Dental Hygiene	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AAS	88	Land	
51.060200 Dental Hygiene	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
51.060201 Dental Hygiene BS Completion			ACTIVE	Pathw	32		
51.060201 Dental Hygiene	Normandale Community College	5074 Bloomington Campus	ACTIVE	AS	88	Land	
51.060201 Dental Hygiene	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	83	Land	
51.060201 Dental Hygiene	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	84	Land	
51.0801 MEDICAL/CLINICAL ASSISTANT. A program that prepares individuals, under the supervision of physicians, to provide medical office administrative services and perform clinical duties including patient intake and care, routine diagnostic and recording procedures, pre-examination and examination assistance, and the administration of medications and first aid. Includes instruction in basic anatomy and physiology; medical terminology; medical law and ethics; patient psychology and communications; medical office procedures; and clinical diagnostic, examination, testing, and treatment procedures.						M	Y
51.080101 Medical Assistant	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	64	Land	
51.080101 Medical Assistant	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	56	Land	
51.080101 Medical Assistant	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	60	Land	
51.080101 Medical Assistant	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	44	Land	
51.080101 Medical Assistant	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	48	Land	
51.080101 Medical Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	62	Land	
51.080101 Medical Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	42	Land	
51.080101 Medical Assistant	Hennepin Technical College	5036 Eden Prairie Campus	NEW	AAS	60	Land	
51.080101 Medical Assisting	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	38	Land	
51.080101 Medical Assistant	Minnesota West Community and Technical College	5598 Luverne Educational Center for Health Careers	ACTIVE	AAS	64	Land	
51.080101 Medical Assistant	Minnesota West Community and Technical College	5598 Luverne Educational Center for Health Careers	ACTIVE	Diploma	44	Land	
51.080100 Medical Assistant	Pine Technical College	5162 Pine Technical College Campus	NEW	AAS	60	Land	
51.080101 Medical Assistant	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	AAS	64	Land	
51.080101 Medical Assistant	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	49	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
51.080101 Medical Assistant	South Central College	5183 Faribault Campus	NEW	AAS	60	Either		
51.0803 OCCUPATIONAL THERAPIST ASSISTANT. A program that prepares individuals, under the supervision of occupational therapists, to direct patient participation in skill-enhancing, learning, and motivational tasks; correct or diminish pathologies; and to provide direct health education and promotion services. Includes instruction in human life span development, occupational therapy principles and practice skills, treatment planning and implementation, record-keeping and documentation, patient education and intervention, activity and program direction, and assistive services management.							M	Y
51.080301 Occupational Therapy Assistant	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	71	Land		
51.080302 Occupational Therapy Assistant	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	72	Land		
51.0805 PHARMACY TECHNICIAN/ASSISTANT. A program that prepares individuals, under the supervision of pharmacists, to prepare medications, provide medications and related assistance to patients, and manage pharmacy clinical and business operations. Includes instruction in medical and pharmaceutical terminology, principles of pharmacology and pharmaceuticals, drug identification, pharmacy laboratory procedures, prescription interpretation, patient communication and education, safety procedures, record-keeping, measurement and testing techniques, pharmacy business operations, prescription preparation, logistics and dispensing operations, and applicable standards and regulations.							M	Y
51.080500 Pharmacy Technician	Anoka-Ramsey Community College	5005 Anoka-Ramsey CC - Cambridge Campus	NEW	Certificate	26	Land		
51.080501 Pharmacy Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	38	Land		
51.080501 Pharmacy Technician	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	63	Land		
51.080501 Pharmacy Technician	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	34	Land		
51.080501 Pharmacy Technology	Minnesota State Community and Technical College	1041 Virtual - MN State Community & Technical College	ACTIVE	AAS	60	Online		
51.080501 Pharmacy Technology	Minnesota State Community and Technical College	1041 Virtual - MN State Community & Technical College	ACTIVE	Diploma	36	Online		
51.080501 Pharmacy Technology	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	60	Land		
51.080501 Pharmacy Technology	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Diploma	36	Land		
51.080501 Pharmacy Technology	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	AS	60	Land		
51.080501 Pharmacy Technology	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Diploma	39	Land		
51.080501 Pharmacy Technician	South Central College	5183 Faribault Campus	NEW	AAS	60	Land		
51.0806 PHYSICAL THERAPY TECHNICIAN/ASSISTANT. A program that prepares individuals, under the supervision of a physical therapist, to implement physical therapy treatment care plans, train patients, conduct treatment interventions, use equipment, and observe and record patient progress. Includes instruction in applied anatomy and physiology, applied kinesiology, principles and procedures of physical therapy, basic neurology and orthopedics, physical therapy modalities, documentation skills, psychosocial aspects of health care, wound and injury care, electrotherapy, working with orthotics and prostheses, and personal and professional ethics.							M	Y
51.080601 Physical Therapist Assistant	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AAS	69	Land		
51.080601 Physical Therapist Assistant	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	74	Land		
51.080601 Physical Therapist Assistant	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	72	Land		
51.0908 RESPIRATORY CARE THERAPY/THERAPIST. A program that prepares individuals, under the supervision of physicians, to assist in developing respiratory care plans, administer respiratory care procedures, supervise personnel and equipment operation, maintain records, and consult with other health care team members. Includes instruction in the applied basic biomedical sciences; anatomy, physiology, and pathology of the respiratory system; clinical medicine; therapeutic procedures; clinical expressions; data collection and record-keeping; patient communication; equipment operation and maintenance; personnel supervision; and procedures for special population groups.							B	Y

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
51.090801 Respiratory Therapy	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	76	Land		
51.090802 Respiratory Therapist	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	78	Land		
51.090801 Respiratory Therapist - Respiratory Care Practitioner	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	78	Land		
51.0909 SURGICAL TECHNOLOGY/TECHNOLOGIST. A program that prepares individuals, under the supervision of physicians and surgical nurses, to maintain, monitor, and enforce the sterile field and adherence to aseptic technique by preoperative, surgical team, and postoperative personnel. Includes instruction in instrument and equipment sterilization and handling, surgical supplies management, wound exposure and closure, surgical computer and robot operation and monitoring, maintenance of hemostasis, and patient and team scrubbing.							M	Y
51.090901 Surgical Technology	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	60	Land		
51.090901 Surgical Technology	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	53	Land		
51.090901 Surgical Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	60	Land		
51.090901 Surgical Technology	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	45	Land		
51.090901 Surgical Technology	Minnesota West Community and Technical College	5598 Luverne Educational Center for Health Careers	ACTIVE	Diploma	53	Land		
51.090901 Surgical Technology	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	60	Land		
51.090901 Surgical Technology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	60	Land		
51.090902 Surgical Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	60	Land		
51.090901 Surgical Technology	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	49	Land		
51.0913 ATHLETIC TRAINING/TRAINER. A program that prepares individuals to work in consultation with, and under the supervision of physicians to prevent and treat sports injuries and associated conditions. Includes instruction in the identification, evaluation, and treatment of athletic injuries and illnesses; first aid and emergency care; therapeutic exercise; anatomy and physiology; exercise physiology; kinesiology and biomechanics; nutrition; sports psychology; personal and community health; knowledge of various sports and their biomechanical and physiological demands; and applicable professional standards and regulations.							B	N
51.091301 Personal Training	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	30	Land		
51.091301 Athletic Training	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land		
51.091301 Athletic Training	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BATR	120	Land		
51.091301 Personal Trainer	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	60	Land		
51.091301 Personal Trainer	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	47	Land		
51.091300 Athletic Training	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land		
51.091301 Athletic Training	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land		
51.1011 RENAL/DIALYSIS TECHNOLOGIST/TECHNICIAN. A program that prepares individuals to administer hemodialysis treatments to patients with renal failure under the supervision of a nurse or physician. Includes instruction in basic anatomy and physiology, dialysis prescription interpretation, dialysite preparation, extracorporeal circuit and dialyzer set-up and maintenance, equipment monitoring, patient preparation, taking vital signs, documentation and communication, venipuncture and local anesthesia administration, emergency intervention, safety and sanitation, and professional standards and ethics.							B	Y
51.101102 Dialysis Patient Care Technician - Clinical and Theory	Lake Superior College	1014 Virtual - Lake Superior College	ACTIVE	Certificate	21	Online		
51.101101 Dialysis Patient Care Technician - Theory	Lake Superior College	1014 Virtual - Lake Superior College	ACTIVE	Certificate	16	Online		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
51.2002 PHARMACY ADMINISTRATION AND PHARMACY POLICY AND REGULATORY AFFAIRS (MS, PHD). A program that prepares individuals to apply managerial, social, and economic sciences to the study and management of the distribution and use of pharmaceutical products and the provision of pharmacy services. Includes instruction in research design and methods, statistics, social and organizational behavior, pharmacoeconomics, management of pharmacy services, outcomes research, product planning and reimbursement, cost-benefit analysis, drug marketing, pharmacy and pharmaceuticals law and regulation, risk assessment, and organization of the health care system. Examples: [Pharmacy Administration], [Drug Regulatory Affairs], [Drug Regulatory and Quality Compliance], [Pharmacy Quality Assurance and Regulatory Affairs]						B	N
51.200201 Regulatory Affairs and Services	St. Cloud State University	5643 6401 Sycamore Ct N., Maple Grove	ACTIVE	MS	32	Land	
51.2307 ORTHOTIST/PROSTHETIST. A program that prepares individuals, in consultation with physicians and other therapists, to design and fit orthoses for patients with disabling conditions of the limbs and/or spine, and prostheses for patients who have partial or total absence of a limb or significant superficial deformity. Includes instruction in biomechanics, gait analysis, pathomechanics, kinesiology, pathology, neuroanatomy, materials science, diagnostic imaging, patient analysis and measurement, impression taking, model rectification, assistive/restorative technology and engineering applications, product finishing, diagnostic and definitive fitting and alignment, power devices, postoperative management, and patient counseling and follow-up.						B	Y
51.230717 Orthotic Practitioner Advanced Specialty	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	40	Land	
51.230716 Orthotics Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	46	Land	
51.230714 Orthotics Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
51.230715 Prosthetic Practitioner Advanced Specialty	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	40	Land	
51.230713 Prosthetic Technology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	
51.230718 Prosthetics Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Diploma	46	Land	
51.2309 THERAPEUTIC RECREATION/RECREATIONAL THERAPY. A program that prepares individuals to plan, organize, and direct recreational activities designed to promote health and well-being for patients who are physically, mentally, or emotionally disabled. Includes instruction in the foundations of therapeutic recreation, leisure education and counseling, program planning, therapeutic recreational modalities, basic anatomy and physiology, psychology, medical terminology, human growth and development, patient observation and evaluation, special needs populations, and professional standards and ethics.						M	Y
51.230906 Activity Aid	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	20	Land	
51.230901 Activity Director	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	64	Land	
51.230907 Activity Services Coordinator	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	20	Land	
51.230905 Advanced Activity Director	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	10	Land	
51.230901 Assistant Activity Director	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	36	Land	
51.230904 Basic Activity Director	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	10	Land	
51.230912 Outdoor Recreation Therapy	Vermilion Community College	5053 Ely Campus	ACTIVE	AS	60	Land	
51.2601 HEALTH AIDE. A program that prepares individuals to provide routine care and assistance to patients under the direct supervision of other health care professionals, and/or to perform routine maintenance and general assistance in health care facilities and laboratories.						M	Y
51.260103 Universal Care Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	16	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
51.3306 HOLISTIC HEALTH. A program that focuses on the interconnectedness of physical, psychological, social, spiritual, and environmental well-being, and that integrates aspects of Eastern and Western medicine to promote, maintain, and optimize wellness. Includes instruction in anatomy and physiology, alternative diagnostic and healing methods, traditional Chinese and Ayurvedic medicine, homeopathic and naturopathic medicine, Western herbal medicine, biofeedback, stress management, nutrition, toxicity and detoxification, environmental medicine, and mind-body medicine.								Y
51.330600 Integrative Health and Healing	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	60	Land	
51.330602 Integrative Health and Healing	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	29	Land	
51.3499 ALTERNATIVE AND COMPLEMENTARY MEDICAL SUPPORT SERVICES, OTHER. Any instructional program in alternative and complementary medical support services not listed above.								B Y
51.349903 Holistic Geriatric Health	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	30	Land	
51.349904 Holistic Hospice and Palliative Care	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	30	Land	
51.349902 Holistic Hospice and Palliative Care	Minnesota State College-Southeast Technical	5113	Red Wing Campus	NEW	Certificate	30	Land	
51.3501 MASSAGE THERAPY/THERAPEUTIC MASSAGE. A program that prepares individuals to provide relief and improved health and well-being to clients through the application of manual techniques for manipulating skin, muscles, and connective tissues. Includes instruction in Western (Swedish) massage, sports massage, myotherapy/trigger point massage, myofascial release, deep tissue massage, cranio-sacral therapy, reflexology, massage safety and emergency management, client counseling, practice management, applicable regulations, and professional standards and ethics.								M Y
51.350101 Massage Therapist	Lake Superior College	5047	Duluth Campus	ACTIVE	Diploma	30	Land	
51.350101 Massage Therapist	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	AAS	60	Land	
51.350101 Massage Therapist	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Certificate	27	Land	
51.350101 Massage Therapist	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Diploma	34	Land	
51.350101 Massage Therapy	Minnesota State Community and Technical College	5501	Wadena Campus	ACTIVE	Diploma	34	Land	
51.350101 Massage Therapy	Minnesota West Community and Technical College	5598	Luverne Educational Center for Health Careers	ACTIVE	Diploma	32	Land	
51.350101 Massage Therapist	Northland Community and Technical College	5524	Thief River Falls Campus	ACTIVE	Diploma	31	Land	
51.350101 Massage Therapy	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	AAS	67	Land	
51.350101 Massage Therapy	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Diploma	34	Land	
51.350101 Massage Therapy Nursing: Swedish Massage	Northwest Technical College	5492	Bemidji-NTC Campus	ACTIVE	Certificate	19	Land	
51.350103 Advanced Massage Therapy	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Certificate	30	Land	
51.350102 Basic Massage Therapy	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Certificate	15	Land	
51.350102 Massage Therapy	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	AAS	60	Land	
51.350101 Massage Therapist	Riverland Community College, A Technical & Community College	5137	Albert Lea Campus	ACTIVE	Diploma	33	Land	
51.350101 Clinical Sports Massage	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	66	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
51.350105 Clinical Sports Massage	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	26	Land	
51.350103 Massage Therapy	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	30	Land	
51.350104 Reflexology	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	23	Land	
51.3602 YOGA TEACHER TRAINING/YOGA THERAPY. A program that prepares individuals to function as professional instructors in the spiritual and physical therapy of Yoga in private, institutional, and clinical settings. Includes instruction in the principles of Ayurveda, philosophy of Yoga, warm-up and progressive exercises, breathing exercises, meditation, Yamas and Niyamas, instructional techniques, posture adjustment, student/client counseling and assessment, advanced Yoga disciplines and styles, business practices, and professional standards and ethics.						B	Y
51.360203 Yoga Instructor Training - Level 1	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	16	Land	
51.360202 Yoga Instructor Training - Level 2	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	24	Land	
51.3801 REGISTERED NURSING/REGISTERED NURSE. A program that generally prepares individuals in the knowledge, techniques and procedures for promoting health, providing care for sick, disabled, infirmed, or other individuals or groups. Includes instruction in the administration of medication and treatments, assisting a physician during treatments and examinations, Referring patients to physicians and other health care specialists, and planning education for health maintenance. Examples: [Nursing (ASN)], [Nursing (BSN, BScN)], [Nursing (MSN, MScN, MN)], [Registered Nurse (RN)]							N
51.380100 Nursing	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AS	64	Land	
51.380100 Nursing	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AS	64	Land	
51.380102 LPN Mobility			ACTIVE	Pathw	64		
51.380100 Nursing	Bemidji State University	5006 Anoka-Ramsey CC - Cambridge Campus	ACTIVE	BS	120	Either	
51.380102 RN Baccalaureate Completion			ACTIVE	Pathw	33		
51.380100 Nursing	Central Lakes College	5007 Brainerd Campus	ACTIVE	AS	60	Land	
51.380100 Nursing	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AS	64	Land	
51.380102 Paramedic Mobility			ACTIVE	Pathw	64		
51.380103 LPN Mobility			ACTIVE	Pathw	64		
51.380100 Nursing	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AS	61	Land	
51.380101 LPN Mobility			ACTIVE	Pathw	61		
51.380100 Nursing	Hibbing Community College, A Technical and Community College	5040 Ely Campus	ACTIVE	AS	64	Land	
51.380102 LPN Mobility			ACTIVE	Pathw	64		
51.380100 Nursing	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	64	Land	
51.380101 Paramedic Mobility			ACTIVE	Pathw	64		
51.380102 LPN Mobility			ACTIVE	Pathw	64		
51.380100 Nursing	Lake Superior College	5047 Duluth Campus	ACTIVE	AAS	69	Land	
51.380100 Nursing	Lake Superior College	5047 Duluth Campus	ACTIVE	AS	64	Land	
51.380102 LPN Mobility			ACTIVE	Pathw	64		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
51.380100 Nursing	Metropolitan State University	5054 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	BSN	120	Land
51.380100 BSN/MSN Nursing			ACTIVE	EMPH	163	
51.380102 RN Baccalaureate Completion			ACTIVE	Pathw	120	
51.380103 Accelerated			ACTIVE	Pathw	60	
51.380104 LPN Mobility			ACTIVE	Pathw	120	
51.380100 Nursing	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	MSN	42	Land
51.380100 Nursing	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	73	Land
51.380100 Integrated PN/Nursing			ACTIVE	EMPH	73	
51.380100 Nursing	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	AS	64	Land
51.380102 LPN Mobility			ACTIVE	Pathw	64	
51.380100 Nursing	Minnesota State Community and Technical College	5490 Detroit Lakes Campus	ACTIVE	AS	64	Land
51.380100 Nursing	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BSN	120	Land
51.380102 RN Baccalaureate Completion			ACTIVE	Pathw	120	
51.380102 Nursing	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	MS	33	Land
51.380803 Nurse Educator			ACTIVE	EMPH	13	
51.380804 Transcultural Nurse Specialist			ACTIVE	EMPH	13	
51.380806 Advanced Parish Nurse			ACTIVE	EMPH	20	
51.381304 Adult Clinical Nurse Specialist			ACTIVE	EMPH	18	
51.380101 Nursing	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
51.380101 RN Baccalaureate Completion	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	BS	120	Land
51.380100 Nursing	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AS	73	Either
51.380100 Integrated PN/Nursing			ACTIVE	EMPH	73	
51.380100 Nursing	Normandale Community College	5074 Bloomington Campus	ACTIVE	AS	64	Land
51.380102 LPN Mobility			ACTIVE	Pathw	63	
51.380100 Nursing	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	64	Land
51.380102 LPN Mobility			ACTIVE	Pathw	64	
51.380100 Nursing	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AS	64	Land
51.380100 Nursing	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AS	64	Either
51.380100 Nursing	Pine Technical College	5162 Pine Technical College Campus	NEW	AS	60	Land
51.380101 LPN Mobility			ACTIVE	Pathw	60	
51.380100 Nursing	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AS	64	Land
51.380100 LPN Mobility			ACTIVE	Pathw	64	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
51.380100 Nursing	Riverland Community College, A Technical & Community College	5139	Austin Campus	ACTIVE	AS	64	Land	
51.380102 LPN Mobility				ACTIVE	Pathw	64		
51.380100 Nursing	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	AS	64	Land	
51.380102 LPN Mobility				ACTIVE	Pathw	64		
51.380100 Nursing	South Central College	5183	Faribault Campus	ACTIVE	AS	64	Land	
51.380100 Registered Nurse Baccalaureate Completion	Southwest Minnesota State University	5161	Marshall Campus	PRENEW	BSN	120	Land	
51.380100 Nursing	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
51.380102 Nursing	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	33	Land	
51.380201 Nurse Administrator				ACTIVE	EMPH	15		
51.380801 Nursing Educator				ACTIVE	EMPH	15		
51.380100 Nursing	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	NEW	AS	60	Land	
51.380101 LPN Mobility				ACTIVE	Pathw	60		
51.380100 Nursing	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	BS	120	Land	
51.380102 RN Baccalaureate Completion				ACTIVE	Pathw	54		
51.3802 NURSING ADMINISTRATION. A program that prepares registered nurses to manage Nursing personnel and services in hospitals and other health care delivery agencies. Includes instruction in principles of health care administration, resource and financial management, health care law and policy, medical personnel management, and managed care operations. Examples: [Nursing Administration (PhD)], [Nursing Administration (MSN, MScN, MS, MSc, MN)]								N
51.380200 Leadership Management	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	GC	9	Land	
51.380201 Public Health Nursing Leadership	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	GC	9	Land	
51.380200 Nursing and Organizational Leadership	Winona State University	5169	University Center Rochester - WSU Campus	NEW	DNP	73	Either	
51.380200 Nursing and Organizational Leadership	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	GC	24	Either	
51.380201 Nursing and Organizational Leadership	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	MS	43	Either	
51.3803 ADULT HEALTH NURSE/NURSING. A program that prepares registered nurses to provide general care for adult patients. Includes instruction in adult primary care, adult pathophysiology, clinical management of medication and treatments, patient assessment and education, patient referral, and planning adult health maintenance programs. Examples: [Adult Nurse Practitioner]								N
51.380300 Adult/Geriatric Nurse Practitioner	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	GC	9	Land	
51.380300 Adult/Geriatric Nurse Practitioner	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	MSN	48	Land	
51.380301 Adult/Gerontology Clinical Nurse Specialist	Winona State University	5169	University Center Rochester - WSU Campus	NEW	DNP	74	Either	
51.380302 Adult/Gerontology Clinical Nurse Specialist	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	GC	19	Either	
51.380303 Adult/Gerontology Clinical Nurse Specialist	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	MS	52	Either	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
51.380300 Adult/Gerontology Nurse Practitioner	Winona State University	5169 University Center Rochester - WSU Campus	NEW	DNP	73	Either	
51.380301 Adult/Gerontology Nurse Practitioner	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	GC	14	Either	
51.380302 Adult/Gerontology Nurse Practitioner	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	MS	50	Either	
51.3805 FAMILY PRACTICE NURSE/NURSING. A program that prepares registered nurses to provide independent general care for family groups and individuals in the context of family living. Includes instruction in family theory and intervention, role synthesis, family primary care, nursing practice and health care policy, holistic practice, pediatric practice, gerontological practice, health assessment, clinical pharmacotherapeutics, clinical techniques, and pathopsychology. Examples: [Family Practice Nurse Practitioner], [Family Nurse Practitioner], [Primary Health Care Nurse Practitioner], [Primary Care Nurse Practitioner]							N
51.380500 Post-Masters Certificate: Family Nurse Practitioner	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	GC	9	Land	
51.380502 Post-Nursing Master's Certificate - Family Nurse Practitioner	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	31	Either	
51.380500 Family Nurse Practitioner	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	DNP	79	Either	
51.380500 Family Nurse Practitioner	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	GC	20	Either	
51.380501 Family Nurse Practitioner	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	MS	56	Either	
51.3808 NURSING SCIENCE. A research program that focuses on the study of advanced clinical practices, research methodologies, the administration of complex nursing services, and that prepares nurses to further the progress of nursing research through experimentation and clinical applications. Examples: [Nursing Science (PhD)], [Nursing Science (MS, MSc, MSN, MN)]							N
51.380800 Nursing Practice	Metropolitan State University	1016 Metropolitan State University, St. Paul Campus	ACTIVE	DNP	72	Online	
15.380500 Family Nurse Practitioner			ACTIVE	EMPH	24		
51.380800 Nursing Science	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	MSN	48	Either	
51.380104 BSN/MSN Nursing			ACTIVE	EMPH	163		
51.380200 Leadership and Management			ACTIVE	EMPH	41		
51.380202 Public Health Nursing Leadership			ACTIVE	EMPH	16		
51.380300 Adult/Geriatric Nurse Practitioner			ACTIVE	EMPH	45		
51.380501 Family Nurse Practitioner			ACTIVE	EMPH	37		
51.380804 Nurse Educator			ACTIVE	EMPH	45		
51.380800 Nursing Practice	Minnesota State University Moorhead	1019 Virtual - Minnesota State University Moorhead	ACTIVE	DNP	72	Online	
51.380801 Nursing Practice (from BSN)	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	DNP	81	Land	
51.380801 Nursing Practice (from MSN)	Minnesota State University, Mankato	5621 7700 France Ave. South, Edina	ACTIVE	DNP	80	Land	
51.380800 Nursing Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MSN	50	Either	
51.380313 Clinical Nurse Specialist (CNS)			ACTIVE	EMPH	46		
51.380513 Family Nurse Practitioner			ACTIVE	EMPH	52		
51.380800 Nursing Practice	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	DNP	72	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
51.3813 CLINICAL NURSE SPECIALIST. A program that prepares registered nurses to deliver direct patient and client care in clinical settings. Includes instruction in clinical pharmacotherapeutics, advanced clinical practice, holistic nursing, nursing practice and health care policy, administration and consultation services, health assessment, patient stabilization and care, and patient education.								N
51.381303 Continence Care Nurse	Metropolitan State University	1016	Virtual - Metropolitan State University	ACTIVE	GC	5	Online	
51.381302 Ostomy Care Nurse	Metropolitan State University	1016	Virtual - Metropolitan State University	ACTIVE	GC	5	Online	
51.381301 Wound Care Nurse	Metropolitan State University	1016	Virtual - Metropolitan State University	ACTIVE	GC	5	Online	
51.381300 Wound Ostomy Continence Nurse	Metropolitan State University	1016	Virtual - Metropolitan State University	ACTIVE	GC	12	Online	
51.381302 Post-Nursing Master's Certificate - Clinical Nurse Specialist	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	GC	28	Either	
51.3814 CRITICAL CARE NURSING. A program that prepares registered nurses to provide specialized care to patients with life-threatening problems, including those in intensive care facilities and on life support. Includes instruction in adult, neonatal, and pediatric critical care; technical skills; patient monitoring and assessment; normal and abnormal readings; and troubleshooting. Examples: [Acute Care Nursing], [Acute Care Nurse Practitioner]								N
51.381400 Acute Care Nurse Practitioner	Winona State University	5169	University Center Rochester - WSU Campus	NEW	DNP	74	Either	
51.381400 Acute Care Nurse Practitioner	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	GC	17	Either	
51.381400 Acute Care Nurse Practitioner	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	MS	54	Either	
51.3817 NURSING EDUCATION. A program that prepares registered nurses to teach in academic and clinical settings, including staff development. Includes instruction in advanced nursing practice, nursing role development, curriculum and instruction, program and course design, clinical instruction, and evaluation of learning.								N
51.381700 Nurse Educator	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	GC	15	Land	
51.381702 Nurse Educator	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	GC	16	Land	
51.381702 Nurse Educator	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MS	37	Land	
51.381700 Nurse Educator	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	GC	12	Either	
51.381701 Nurse Educator	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	MS	48	Either	
51.3901 LICENSED PRACTICAL/VOCATIONAL NURSE TRAINING. A program that prepares individuals to assist in providing general nursing care under the direction of a registered nurse, physician or dentist. Includes instruction in taking patient vital signs, applying sterile dressings, patient health education, and assistance with examinations and treatment. Examples: [Licensed Practical Nurse (LPN)], [Licensed Vocational Nurse (LVN)], [Licensed Practical/Vocational Nurse Training (Cert.)], [Licensed Practical/Vocational Nurse Training (Dipl)], [Licensed Practical/Vocational Nurse Training (AAS)]								Y
51.390100 Practical Nursing	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	Diploma	49	Land	
51.390100 Practical Nursing	Anoka Technical College	5003	Anoka Campus	ACTIVE	AAS	63	Land	
51.390100 Practical Nursing	Anoka Technical College	5003	Anoka Campus	ACTIVE	Diploma	53	Land	
51.390100 Practical Nursing	Central Lakes College	5007	Brainerd Campus	ACTIVE	Diploma	44	Land	
51.390100 Practical Nursing	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	AAS	63	Land	
51.390100 Practical Nursing	Dakota County Technical College	5029	Rosemount Campus	ACTIVE	Diploma	51	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
51.390100 Practical Nursing	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Diploma	31	Land
51.390100 Practical Nursing	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	63	Land
51.390100 Practical Nursing	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	52	Land
51.390100 Practical Nursing	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	Diploma	51	Land
51.390100 Practical Nursing	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	50	Land
51.390100 Practical Nursing	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Diploma	51	Land
51.390100 Practical Nursing	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	36	Land
51.390100 Practical Nursing	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Diploma	48	Land
51.390100 Practical Nursing	Minnesota State Community and Technical College	5490 Detroit Lakes Campus	ACTIVE	AAS	62	Land
51.390100 Practical Nursing	Minnesota State Community and Technical College	5490 Detroit Lakes Campus	ACTIVE	Diploma	50	Land
51.390100 Practical Nursing	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	Diploma	37	Land
51.390100 Practical Nursing	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	63	Either
51.390100 Practical Nursing	Northland Community and Technical College	5524 Roseau City Center	ACTIVE	Diploma	50	Land
51.390100 Practical Nursing	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	63	Land
51.390100 Practical Nursing	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Diploma	54	Either
51.390100 Practical Nursing	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	Diploma	53	Land
51.390100 Practical Nursing	Rainy River Community College	5111 International Falls Campus	ACTIVE	Diploma	53	Land
51.390100 Practical Nursing	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	37	Land
51.390100 Practical Nursing	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Diploma	38	Land
51.390100 Practical Nursing	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	39	Land
51.390100 Practical Nursing	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	63	Land
51.390100 Practical Nursing	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	55	Land
51.390101 Practical Nursing	South Central College	5183 Faribault Campus	ACTIVE	AAS	60	Land
51.390101 Practical Nursing	South Central College	5183 Faribault Campus	ACTIVE	Diploma	40	Land
51.390101 Practical Nursing	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	60	Land
51.390101 Practical Nursing	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	42	Land

51.3902 NURSING ASSISTANT/AIDE AND PATIENT CARE ASSISTANT/AIDE. A program that prepares individuals to perform routine nursing-related services to patients in hospitals or long-term care facilities, under the training and supervision of a registered nurse or licensed practical nurse.

Y

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
51.390200 Nursing Assistant	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	3	Land
51.390202 Health Technology	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	26	Land
51.390201 Nursing Assistant/Home Health Aide	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	5	Land
51.390200 Nursing Assistant	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	4	Land
51.390200 Health Support Specialist	Century College, A Community and Technical College	1006 Virtual - Century College, A Community and Technic	ACTIVE	Certificate	9	Online
51.390200 Nursing Assistant	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	4	Land
51.390200 Nursing Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	5	Land
51.390200 Nursing Assistant	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	4	Land
51.390200 Health Support Specialist	Hennepin Technical College	1010 Virtual - Hennepin Technical College	ACTIVE	Certificate	9	Online
51.390202 Nursing Assistant	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	4	Land
51.390200 Nursing Assistant	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Certificate	4	Land
51.390200 Nursing Assistant	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	5	Land
51.390200 Nursing Assistant	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	Certificate	3	Land
51.390200 Nursing Assistant	Lake Superior College	2014 Duluth Campus	ACTIVE	Certificate	3	Land
51.390240 Nursing Assistant/Home Health Aide	Lake Superior College	5047 Cook County Higher Education	ACTIVE	Certificate	4	Land
51.390200 Nursing Assistant/Home Health Aide	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	4	Land
51.390202 Extended Nursing Assistant/Home Health Aide	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	4	Land
51.390201 Nursing Assistant/Home Health Aide	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	4	Land
51.390202 Introduction to Health Care Careers	Minnesota State College-Southeast Technical	5113 Red Wing Campus	ACTIVE	Certificate	24	Land
51.390241 Home Health Aide	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	Certificate	16	Land
51.390203 Nursing Assistant	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	3	Land
51.390200 Nursing Assistant	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	4	Land
51.390200 Nursing Assistant	Northland Community and Technical College	5495 EACE - Northland Community and Technical Colleg	ACTIVE	Certificate	3	Land
51.390200 Nursing Assistant	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	4	Land
51.390200 Long-Term Care Assistant	Pine Technical College	5162 Pine Technical College Campus	NEW	Certificate	16	Land
51.390200 Nursing Assistant	Rainy River Community College	5111 International Falls Campus	ACTIVE	Certificate	4	Land
51.390200 Health Support Specialist	Ridgewater College, A Community and Technical College	1028 Virtual - Ridgewater College	ACTIVE	Certificate	9	Online

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
51.390200 Nursing Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	4	Land
51.390240 Home Health Aide	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	4	Land
51.390201 Nursing Assistant	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	3	Land
51.390202 Patient Care Associate	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	12	Land
51.390201 Advanced Hospital Nursing Assistant	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	Certificate	16	Land
51.390200 Nursing Assistant/Home Health Aide	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	5	Land
51.390201 Basic Nursing	South Central College	5183 Faribault Campus	ACTIVE	Certificate	4	Land
51.390202 Health Support Specialist	South Central College	5183 Faribault Campus	ACTIVE	Certificate	9	Land
51.390200 Health Care Technician	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Certificate	29	Land

FIELD: HUMAN SERVICES

Cluster: Education and Training

Pathway: Administration and Administrative Support

13.0401 EDUCATIONAL LEADERSHIP AND ADMINISTRATION, GENERAL. A program that focuses on the general principles and techniques of administering a wide variety of schools and other educational organizations and facilities, supervising educational personnel at the school or staff level, and that may prepare individuals as general administrators and supervisors. Examples: [Educational Leadership and Policy], [Educational Administration and Policy], [K-12 Educational Leadership], [K-12 Educational Administration]

13.040100 Educational Leadership	Minnesota State University Moorhead	5073 Bemidji Public Schools	ACTIVE	MS	36	Either
13.040102 Generalist			ACTIVE	EMPH	16	
13.040600 Higher Education			ACTIVE	EMPH	15	
13.040802 K-12 Administration			ACTIVE	EMPH	14	
13.050100 Technology			ACTIVE	EMPH	16	
13.040101 Educational Leadership	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Spec	36	Land
13.040101 Educational Leadership	Minnesota State University, Mankato	5050 Mankato Campus	NEW	EdD	90	Land
13.040100 Educational Leadership	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	MS	34	Land
13.040316 General School Administration			ACTIVE	EMPH	28	
13.040318 Elementary/Secondary School Administration			ACTIVE	EMPH	28	
13.040615 Higher Education Administration			ACTIVE	EMPH	28	
13.040815 Educational Leadership			ACTIVE	EMPH	28	
13.040100 Educational Leadership	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	Spec	30	Land
13.040315 Community Education Licensure			ACTIVE	EMPH	24	
13.040317 Elementary/Secondary School Administration			ACTIVE	EMPH	24	
13.040615 Higher Education Administration			ACTIVE	EMPH	24	
13.040815 General School Administration			ACTIVE	EMPH	24	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
13.040103 Community Education	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	GC	24	Land		
13.040101 Educational Administration and Leadership	St. Cloud State University	5164	6401 Sycamore Ct N., Maple Grove	ACTIVE	EdD	72	Land		
13.040102 Educational Administration and Leadership	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	36	Land		
13.040101 Educational Administration and Leadership	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	Spec	35	Land		
13.040101 Sixth Year Program: Educational Administration and Leadership	St. Cloud State University	5164	6401 Sycamore Ct N., Maple Grove	ACTIVE	GC	32	Land		
13.040100 Educational Leadership	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	MS	33	Land		
13.040100 Organizational Leadership				ACTIVE	EMPH	18			
13.040813 General School Leadership				ACTIVE	EMPH	18			
13.040815 K-12 Principalship				ACTIVE	EMPH	18			
13.040816 Teacher and School Leadership				ACTIVE	EMPH	18			
13.049900 Professional Leadership Studies				ACTIVE	EMPH	18			
31.050400 Sports Management				ACTIVE	EMPH	18			
31.060100 Outdoor Education/Adventure-Based Leadership				ACTIVE	EMPH	18			
13.040100 Educational Leadership	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	Spec	30	Land		
13.040811 K-12 Principalship				ACTIVE	EMPH	30			
13.040814 General School Leadership				ACTIVE	EMPH	30			
13.0404 EDUCATIONAL, INSTRUCTIONAL, AND CURRICULUM SUPERVISION. A program that prepares individuals to supervise instructional and support personnel at the school building, facility or staff level. Includes instruction in the principles of staffing and organization, the supervision of learning activities, personnel relations, administrative duties related to departmental or unit management, and specific applications to various educational settings and curricula.								B	N
13.040401 Teacher Leader	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	GC	18	Land		
13.0406 HIGHER EDUCATION/HIGHER EDUCATION ADMINISTRATION. A program that focuses on the principles and practice of administration in four-year colleges, universities and higher education systems, the study of higher education as an object of applied research, and which may prepare individuals to function as administrators in such settings. Includes instruction in higher education economics and finance; policy and planning studies; curriculum; faculty and labor relations; higher education law; college student services; research on higher education; institutional research; marketing and promotion; and issues of evaluation, accountability and philosophy. Examples: [Higher Education Policy]								B	N
13.040601 Higher Education Administration	St. Cloud State University	5164	6401 Sycamore Ct N., Maple Grove	ACTIVE	EdD	72	Land		
13.040601 Higher Education Administration	St. Cloud State University	5164	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	MS	36	Land		
13.0410 URBAN EDUCATION AND LEADERSHIP. A program that focuses on issues and problems specific to the educational needs of populations and communities located in metropolitan, inner city, and related areas and prepares individuals to provide educational services and administrative leadership in urban contexts. Includes instruction in multicultural education, at-risk studies, urban sociology, multilingual education, urban studies and planning, human services, health services and nutrition, cross-cultural communication, diversity studies, safety and security, and urban educational administration and leadership.								B	N
13.041001 Urban Secondary Education Teacher Preparation	Metropolitan State University	5558	Metropolitan State University, Minneapolis Campus	ACTIVE	GC	26	Land		
13.0501 EDUCATIONAL/INSTRUCTIONAL TECHNOLOGY. A program that focuses on integrating technology into educational curricula. Includes instruction in foundations of educational technology, computer applications, utilizing technology for assessment, multimedia instruction, web-based instruction, distance education, and designing and producing educational software and materials. Examples: [Advanced Learning Technologies]								B	N
13.050101 Online Teaching	Bemidji State University	1004	Virtual - Bemidji State University	ACTIVE	GC	9	Online		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
13.050101 Innovative Technology and Instruction	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	9	Either		
13.050101 Teaching and Learning with Technology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Certificate	18	Either		
13.050101 Teaching and Learning With Technology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	GC	20	Either		
13.050112 Distance Education Instructor	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Either		
13.050100 Education Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Either		
13.050112 Education Technology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land		
13.050111 Educational Technology in the Classroom	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Either		
13.050101 Instructional Media in the Classroom	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Land		
13.050113 Instructional Technology and Design	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Either		
13.050114 The Technology Leader	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Either		
13.050112 Design for E-Learning	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	GC	12	Land		
13.050112 Instructional Technology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Certificate	11	Land		
13.050111 Instructional Technology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	GC	12	Land		
13.0607 LEARNING SCIENCES. A program that focuses on the multiple aspects of learning in different environments, including specific aspects of the content to be mastered, cognitive aspects of the student, the instructional environment and materials, the preparation and activities of the instructor, socio-cultural and linguistic components, and assessment outcomes. Includes instruction in the social, organizational, and cultural dynamics of learning; learning and cognition; learning strategies; educational psychology; educational testing and measurement; instructional design and technology; and statistical design of educational research. Examples: [Learning Sciences Research], [Learning Sciences and Policy]								N
13.060707 Data-Driven Decision Making to Improve Student Learning	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Land		
13.060705 Improving Student Learning	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Land		
13.060706 Learning Communities and Leadership	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Land		
13.060709 Student Development and Learning	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	9	Land		
13.060700 Teaching and Learning	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	MS	34	Land		
13.020209 Culturally-Responsive Teaching			ACTIVE	EMPH	9			
13.060705 Learning Communities and Leadership			ACTIVE	EMPH	9			
13.060706 Data-Driven Decision Making to Improve Student Learning			ACTIVE	EMPH	9			
13.060707 Instructional Media in the Classroom			ACTIVE	EMPH	9			
13.060709 Improving Student Learning			ACTIVE	EMPH	9			
13.060710 Student Development and Learning			ACTIVE	EMPH	9			
13.060700 Training and Development	Winona State University	5169 Winona-WSU Campus	ACTIVE	GC	15	Land		
Pathway: Professional Support Services								
13.1101 COUNSELOR EDUCATION/SCHOOL COUNSELING AND GUIDANCE SERVICES. A program that prepares individuals to apply the theory and principles of guidance and counseling to the provision of support for the personal, social, educational, and vocational development of students, and the organizing of guidance services within elementary, middle and secondary educational institutions. Includes instruction in legal and professional requirements, therapeutic counselor intervention, vocational counseling, and related sociological and psychological foundations.							B	N
13.110100 Counseling and Student Affairs	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	MS	48	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
13.110101 School Counseling			ACTIVE	EMPH	15		
13.110201 Student Affairs			ACTIVE	EMPH	15		
13.110202 College Counseling			ACTIVE	EMPH	18		
13.110100 Counseling and Student Personnel	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	48	Land	
13.110114 Professional School Counseling K-12			ACTIVE	EMPH	48		
13.110115 Community Counseling			ACTIVE	EMPH	48		
13.110214 College Student Affairs			ACTIVE	EMPH	48		
51.150414 Community Mental Health Counseling			ACTIVE	EMPH	60		
13.110100 Counselor Education and Supervision	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	EdD	108	Land	
13.110100 School Counseling			ACTIVE	EMPH	24		
13.110200 College Student Affairs			ACTIVE	EMPH	24		
51.150800 Mental Health Counseling			ACTIVE	EMPH	24		
13.110101 Counseling Psychology: School Counseling	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	52	Land	
13.110101 School Counseling	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	GC	21	Land	
13.110100 Counselor Education	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	MS	49	Land	
13.110113 School Counseling			ACTIVE	EMPH	12		
51.150413 Community Counseling			ACTIVE	EMPH	12		
13.1102 COLLEGE STUDENT COUNSELING AND PERSONNEL SERVICES. A program that focuses on the organization and provision of counseling, referral, assistance and administrative services to students in postsecondary educational institutions and adult education facilities, and that may prepare individuals to function as professional counselors in such settings. Includes instruction in applicable laws and policies, residential counseling and services, vocational counseling and placement services, remedial skills counseling, and therapeutic counselor intervention.						B	N
13.110201 College Counseling and Student Development	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	48	Land	
25.0103 ARCHIVES/ARCHIVAL ADMINISTRATION. A program that prepares individuals to identify, manage, preserve, and make available records with long-term value for documentation, legal, research, and other purposes. Includes instruction in appraisal and collection development, information and records management, archival preservation, access systems, management of electronic records, archival outreach, and legal and ethical issues. Examples: [Archival Administration and Records Management], [Archival Studies], [Records Management]							Y
25.010303 Documentation/Configuration Management for Biomedical Industry	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	18	Land	
25.0301 LIBRARY AND ARCHIVES ASSISTING. A program that prepares individuals to assist professional librarians and archivists. Includes instruction in principles, systems, processes, and procedures of library and archive operation; library resources and services; processes of acquisition, cataloging, storage, and display systems; discovery and retrieval of requested materials; and management of books, periodicals, and other documents and records. Examples: [Library Assistant], [Library Technician], [Archives Assistant], [Archives Technician]						M	Y
25.030101 Library Information Technology	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Either	
25.030102 Public Information Services	Minneapolis Community and Technical College	1017 Virtual - Minneapolis Community and Technical Coll	ACTIVE	Certificate	20	Online	
25.030103 Technical Information Services	Minneapolis Community and Technical College	1017 Virtual - Minneapolis Community and Technical Coll	ACTIVE	Certificate	20	Online	
Pathway: Teaching/Training							
13.0101 EDUCATION, GENERAL. A program that focuses on the general theory and practice of learning and teaching, the basic principles of educational psychology, the art of teaching, the planning and administration of educational activities, school safety and health issues, and the social foundations of education.						B	N
13.010100 Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	MS	36	Either	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
13.010100 Education	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	AS	60	Land		
13.010103 Education Foundations	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	AS	60	Land		
13.010101 Education	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AS	60	Land		
13.010101 Education	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MAT	34	Land		
13.010101 Post-Baccalaureate Teacher Licensure	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	GC	28	Land		
13.010101 Education	Southwest Minnesota State University	5161	AmericInn Lodge and Suites, Grand Rapids, MN	ACTIVE	MS	34	Land		
13.010115 Teaching, Learning and Leadership				ACTIVE	EMPH	15			
13.130115 Curriculum and Instruction				ACTIVE	EMPH	15			
13.130500 English				ACTIVE	EMPH	16			
13.131100 Math				ACTIVE	EMPH	16			
13.131515 Reading				ACTIVE	EMPH	15			
13.140115 English as a Second Language (ESL)				ACTIVE	EMPH	15			
31.050415 Sports Management				ACTIVE	EMPH	15			
13.010101 Education	Winona State University	5169	St. Paul Campus	ACTIVE	MS	32	Land		
13.010101 Teacher Preparation Collaborative	Winona State University	5169	Winona-WSU Campus	ACTIVE	GC	30	Land		
13.0202 MULTICULTURAL EDUCATION. A program that focuses on the design, and implementation of instructional and advising services for culturally diverse learning populations. Includes instruction in cultural diversity, at-risk populations, multilingual and ESL education, program and curriculum design, instructional technology, information resources, LEP and minority education strategies, counseling and communicating with multicultural populations, law and regulations, and applications to specific cultural groups, educational services, and research issues.								B	N
13.020205 Culturally Responsive Teaching	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	GC	9	Land		
13.0301 CURRICULUM AND INSTRUCTION. A program that focuses on the curriculum and related instructional processes and tools, and that may prepare individuals to serve as professional curriculum specialists. Includes instruction in curriculum theory, curriculum design and planning, instructional material design and evaluation, curriculum evaluation, and applications to specific subject matter, programs or educational levels.								B	N
13.030101 Education	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	MED	36	Either		
13.030100 Curriculum and Instruction	Minnesota State University Moorhead	5073	Ellen Hopkins Elementary School	ACTIVE	MS	32	Land		
13.050100 Technology				ACTIVE	EMPH	13			
13.100100 Special Education				ACTIVE	EMPH	13			
13.131200 Kodály				ACTIVE	EMPH	32			
13.131500 Literacy				ACTIVE	EMPH	13			
13.140100 Teaching English as a Second Language (TESL)				ACTIVE	EMPH	13			
13.150200 Literacy				ACTIVE	EMPH	13			
13.030101 K-12 and Secondary Programs/Curriculum and Instruction	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Spec	30	Land		
13.030101 Curriculum and Instruction	St. Cloud State University	5164	North Branch	ACTIVE	MS	36	Land		
13.1001 SPECIAL EDUCATION AND TEACHING, GENERAL. A general program that focuses on the design and provision of teaching and other educational services to children or adults with special learning needs or disabilities, and that may prepare individuals to function as special education teachers. Includes instruction in diagnosing learning disabilities, developing individual education plans, teaching and supervising special education students, special education counseling, and applicable laws and policies.								M	N

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
13.100101 Special Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	MS	36	Either
13.100101 Special Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	MSpEd	37	Either
13.100101 Special Education for Urban K-12 Settings - Learning Disabilities and Emotional/Behavioral Disorders	Metropolitan State University	5054 Metropolitan State University, Minneapolis Campus	NEW	GC	27	Land
13.100100 Special Education	Minnesota State University Moorhead	5073 Anoka-Ramsey CC - Cambridge Campus	ACTIVE	BS	128	Land
13.100515 Emotional/Behavioral Disorders			ACTIVE	EMPH	78	
13.101115 Specific Learning Disabilities			ACTIVE	EMPH	78	
13.101415 Developmental Disabilities			ACTIVE	EMPH	81	
13.101515 Early Childhood Special Education			ACTIVE	EMPH	79	
13.100100 Special Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	MS	33	Land
13.100500 Emotional/Behavioral Disorders			ACTIVE	EMPH	16	
13.100800 Physical/Health Disabilities			ACTIVE	EMPH	15	
13.101100 Specific Learning Disabilities			ACTIVE	EMPH	16	
13.101300 Autism			ACTIVE	EMPH	15	
13.101400 Developmental Disabilities			ACTIVE	EMPH	15	
13.101500 Early Childhood Special Education			ACTIVE	EMPH	15	
13.100101 Inclusive Strategies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	10	Land
13.100100 Special Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land
13.100515 Emotional Disturbances			ACTIVE	EMPH	14	
13.100615 Mildly Handicapped			ACTIVE	EMPH	14	
13.101115 Learning Disabilities			ACTIVE	EMPH	14	
13.101415 Developmental Cognitive Disabilities			ACTIVE	EMPH	14	
13.100101 Special Education: Academic and Behavioral Strategist	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
13.100101 Special Education Foundations	Normandale Community College	5074 Bloomington Campus	ACTIVE	AS	60	Land
13.100101 Special Education	Southwest Minnesota State University	5161 Brandon High School, Brandon, SD	ACTIVE	MS	34	Land
13.100101 Special Education	St. Cloud State University	5164 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	BS	120	Land
13.100101 Special Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	39	Land
13.100100 Special Education	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land
13.101111 Learning Disabilities			ACTIVE	EMPH	56	
13.101412 Developmental Disabilities			ACTIVE	EMPH	24	
13.100100 Special Education	Winona State University	5169 Winona-WSU Campus	ACTIVE	MS	30	Land
13.101102 Learning Disabilities			ACTIVE	EMPH	12	
13.101401 Developmental Disabilities			ACTIVE	EMPH	12	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
13.1005 EDUCATION/TEACHING OF INDIVIDUALS WITH EMOTIONAL DISTURBANCES. A program that focuses on the design of educational services for children or adults with emotional conditions which adversely affect their educational performance and that may prepare individuals to teach such students. Includes instruction in identifying students with emotional disturbances, developing individual education plans, teaching and supervising emotionally disturbed students, counseling, and applicable laws and policies.								B	N
13.100501 Emotional Behavior Disorders	Minnesota State University Moorhead	1019	Virtual - Minnesota State University Moorhead	ACTIVE	GC	25	Online		
13.100501 Emotional/Behavioral Disorders	Minnesota State University, Mankato	5050	7700 France Ave. South, Edina	ACTIVE	GC	27	Either		
13.100501 Emotional/Behavioral Disorders	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	GC	15	Land		
13.1006 EDUCATION/TEACHING OF INDIVIDUALS WITH MENTAL RETARDATION. A program that focuses on the design of educational services for children or adults with mental disabilities which adversely affect their educational performance and that may prepare individuals to teach such students. Includes instruction in identifying students with mental retardation, developing individual education plans, teaching and supervising mentally handicapped students, counseling, and applicable laws and policies.								B	N
13.100613 Developmental Disabilities	Minnesota State University Moorhead	1019	Virtual - Minnesota State University Moorhead	ACTIVE	GC	27	Online		
13.100601 Special Education: Developmental Cognitive Disabilities	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land		
13.100600 Developmental Disabilities	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	GC	15	Land		
13.1008 EDUCATION/TEACHING OF INDIVIDUALS WITH ORTHOPEDIC AND OTHER PHYSICAL HEALTH IMPAIRMENTS. A program that focuses on the design of educational services for children or adults with orthopedic and other health impairments which adversely affect their educational performance and that may prepare individuals to teach such students. Includes instruction in identifying physically disabled students, developing individual education plans, teaching and supervising students with orthopedic and other health impairments, counseling, and applicable laws and policies.								B	N
13.100801 Developmental Adapted Physical Education	Bemidji State University	5006	Bemidji-BSU Campus	NEW	Minor	23	Land		
13.100801 Physical/Health Disabilities	Minnesota State University Moorhead	1019	Virtual - Minnesota State University Moorhead	ACTIVE	GC	30	Online		
13.100800 Developmental/Adapted Physical Education	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Minor	21	Land		
13.100800 Developmental/Adapted Physical Education	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	Minor	26	Land		
13.1011 EDUCATION/TEACHING OF INDIVIDUALS WITH SPECIFIC LEARNING DISABILITIES. A program that focuses on the design of educational services for children or adults with specific learning disabilities which adversely affect their educational performance and that may prepare individuals to teach such students. Includes instruction in identifying students with specific learning disabilities, developing individual education plans, teaching and supervising students with specific learning disabilities, counseling, and applicable laws and policies.								B	N
13.101101 Specific Learning Disabilities	Minnesota State University Moorhead	1019	Virtual - Minnesota State University Moorhead	ACTIVE	GC	25	Online		
13.101101 Learning Disabilities	Minnesota State University, Mankato	5050	7700 France Ave. South, Edina	ACTIVE	GC	23	Land		
13.101101 Learning Disabilities	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	GC	15	Land		
13.1013 EDUCATION/TEACHING OF INDIVIDUALS WITH AUTISM. A program that focuses on the design of educational services for children or adults with autism, and that prepares individuals to teach such students. Includes instruction in identifying students with autism, developing individual education plans, teaching and supervising autistic students, counseling, and applicable laws and policies.								B	N
13.101301 Autism Spectrum Disorder	Minnesota State University Moorhead	1019	Virtual - Minnesota State University Moorhead	ACTIVE	Certificate	15	Online		
13.101301 Autism Spectrum Disorder	Minnesota State University Moorhead	1019	Virtual - Minnesota State University Moorhead	ACTIVE	GC	15	Online		
13.101301 Autism Spectrum Disorders	Minnesota State University, Mankato	1020	Virtual - Minnesota State University, Mankato	ACTIVE	GC	12	Online		
13.101301 Autism Spectrum Disorders	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	GC	12	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
13.101301 Autism	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	GC	9	Land		
13.1015 EDUCATION/TEACHING OF INDIVIDUALS IN EARLY CHILDHOOD SPECIAL EDUCATION PROGRAMS. A program that focuses on the design and provision of teaching and other educational services to infant and pre-school age children with special learning needs or disabilities, and that prepares individuals to teach such students. Includes instruction in diagnosing learning disabilities, developing individual education plans, teaching and supervising special education students, special education counseling, and applicable laws and policies.								B	N
13.101500 Early Childhood/Early Childhood Special Education	Mesabi Range Community and Technical College	5537	Virginia Campus	ACTIVE	AAS	60	Either		
13.101500 Early Childhood Special Education	Minnesota State University Moorhead	1019	Virtual - Minnesota State University Moorhead	ACTIVE	GC	25	Online		
13.101501 Child and Family Studies: Early Childhood Special Education	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	36	Land		
13.101500 Early Childhood Special Education	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	GC	40	Land		
13.101501 Early Childhood Special Education	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	MS	30	Land		
13.101513 Special Education: Early Childhood	Winona State University	5234	University Center Rochester - WSU Campus	NEW	BT	120	Land		
13.1202 ELEMENTARY EDUCATION AND TEACHING. A program that prepares individuals to teach students in the elementary grades, which may include kindergarten through grade eight, depending on the school system or state regulations. Includes preparation to teach all elementary education subject matter.								M	N
13.120200 Elementary Teacher Education	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Either		
13.120941 Pre-primary				ACTIVE	EMPH	25			
13.130541 Communication Arts and Literature				ACTIVE	EMPH	26			
13.131641 Science (Broad)				ACTIVE	EMPH	38			
27.010141 Mathematics				ACTIVE	EMPH	27			
45.010141 Social Studies				ACTIVE	EMPH	29			
13.120201 Urban Elementary Education	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land		
13.120202 Elementary Education	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BS	128	Land		
13.120203 Elementary Inclusive Education	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BS	128	Land		
13.120201 Educational Studies	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MS	34	Land		
13.100424 Talent Development and Gifted Education				ACTIVE	EMPH	9			
13.120224 Elementary Education				ACTIVE	EMPH	9			
13.121024 Early Childhood				ACTIVE	EMPH	9			
13.131500 Reading				ACTIVE	EMPH	34			
13.131524 Literacy				ACTIVE	EMPH	9			
13.120200 Elementary Education	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land		
13.120933 Preprimary				ACTIVE	EMPH	15			
16.010133 Modern Language				ACTIVE	EMPH	15			
45.010117 Social Studies				ACTIVE	EMPH	15			
45.010133 Social Studies				ACTIVE	EMPH	15			
13.120201 Elementary Education Foundations	Normandale Community College	5074	Bloomington Campus	ACTIVE	AS	60	Land		
13.120201 Elementary Teacher Education	Southwest Minnesota State University	5161	Brainerd Campus	ACTIVE	BS	120	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
13.120203 Elementary/K-6 Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land
13.120200 Elementary Education (Teaching)	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	BT	120	Land
13.121002 Early Childhood (Birth-6)			ACTIVE	EMPH	39	
13.130502 Middle Level Communication Arts and Literature 5-8 Specialty			ACTIVE	EMPH	25	
13.130504 Middle Level Communication Arts and Literature 5-8 Specialty			ACTIVE	EMPH	25	
13.131603 Middle Level Science 5-8 Specialty			ACTIVE	EMPH	37	
13.131804 Middle Level Social Studies 5-8 Specialty			ACTIVE	EMPH	40	
27.010102 Middle Level Mathematics 5-8 Specialty			ACTIVE	EMPH	26	
13.120203 Elementary Education/K-6 Education	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	BT	120	Land
13.1209 KINDERGARTEN/PRESCHOOL EDUCATION AND TEACHING. A program that prepares individuals to teach students in formal settings prior to beginning regular elementary school, usually ranging in age from three to six years (or grade one), depending on the school system or state regulations. Includes preparation to teach all relevant subject matter.						
13.120901 Preprimary Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Certificate	16	Land
13.120900 Parent Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	34	Land
13.1210 EARLY CHILDHOOD EDUCATION AND TEACHING. A program that prepares individuals to teach students ranging in age from infancy through eight years (grade three), depending on the school system or state regulations. Includes preparation to teach all relevant subject matter. Examples: [Early Childhood Education (AA)], [Early Childhood Education (BA)], [Early Childhood Education (MA)], [Early Childhood Education (PhD)]						
13.121000 Early Childhood Education	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	AS	60	Land
13.121000 Urban Early Childhood Education	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land
13.121001 Early Childhood Education	Minnesota State College-Southeast Technical	1018 Virtual - Minnesota State College-Southeast Techni	ACTIVE	AAS	60	Online
13.121001 Early Childhood Education	Minnesota State College-Southeast Technical	1018 Virtual - Minnesota State College-Southeast Techni	ACTIVE	AS	60	Online
13.121000 Early Childhood Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	128	Land
13.121001 Early Childhood Education	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AS	60	Land
13.121000 Early Childhood Education	Southwest Minnesota State University	5161 Alexandria Campus	ACTIVE	BS	120	Land
13.121000 Early Childhood Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land
13.121000 Fifth Year Program: Child and Family Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	GC	30	Land
13.1299 TEACHER EDUCATION AND PROFESSIONAL DEVELOPMENT, SPECIFIC LEVELS AND METHODS, OTHER. Any instructional program in teacher education and professional development not listed above. Examples: [Distance Learning Teacher], [Online Teaching], [Postsecondary Instructor Education], [College Teaching]						
13.129900 Professional Development	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	MS	34	Land
13.1302 ART TEACHER EDUCATION. A program that prepares individuals to teach art and art appreciation programs at various educational levels.						
13.130200 Art Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	128	Land
50.040917 Graphic Design			ACTIVE	EMPH	89	
50.060518 Photography			ACTIVE	EMPH	89	
50.070318 Art History			ACTIVE	EMPH	89	

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
50.070518 Drawing			ACTIVE	EMPH	89		
50.070817 Painting			ACTIVE	EMPH	89		
50.070918 Sculpture			ACTIVE	EMPH	89		
50.071017 Printmaking			ACTIVE	EMPH	89		
50.071117 Ceramics			ACTIVE	EMPH	89		
13.130200 Art Teaching	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
50.040918 Graphic Design			ACTIVE	EMPH	57		
50.060518 Photography			ACTIVE	EMPH	57		
50.070518 Drawing			ACTIVE	EMPH	57		
50.070818 Painting			ACTIVE	EMPH	57		
50.070918 Sculpture			ACTIVE	EMPH	57		
50.071017 Printmaking			ACTIVE	EMPH	57		
50.071118 Ceramics			ACTIVE	EMPH	57		
50.071218 Fiber Design			ACTIVE	EMPH	57		
13.130201 Art Teacher Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
13.130201 Art Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.130201 Art (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land	
13.1303 BUSINESS TEACHER EDUCATION. A program that prepares individuals to teach vocational business programs at various educational levels.						B	N
13.130301 Business Education	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land	
13.1304 DRIVER AND SAFETY TEACHER EDUCATION. A program that prepares individuals to teach driver and safety education programs at various educational levels.						B	N
13.130401 Traffic Safety Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	NEW	GC	13	Either	
13.1305 ENGLISH/LANGUAGE ARTS TEACHER EDUCATION. A program that prepares individuals to teach English grammar, composition and literature programs at various educational levels.						B	N
13.130501 English	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	MS	30	Land	
13.130501 English Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land	
13.130501 English Teaching	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land	
13.130501 Communication Arts and Literature Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land	
13.130500 English	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land	
23.130111 Writing			ACTIVE	EMPH	41		
23.140112 Literature			ACTIVE	EMPH	41		
13.130505 Communication Arts and Literature - Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
09.010100 Speech			ACTIVE	EMPH	24		
13.130504 Communication Arts and Literature - Education, English	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
13.130500 English	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MA	30	Either	

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
13.140113 TESL			ACTIVE	EMPH	30	
23.130312 Technical Communications			ACTIVE	EMPH	30	
23.140113 Literature			ACTIVE	EMPH	30	
13.130501 Communication Arts and Literature/Secondary Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land
09.010100 Speech Communication			ACTIVE	EMPH	13	
13.130500 English and Literature			ACTIVE	EMPH	13	
13.130501 Communication Arts and Literature	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land
13.130506 English	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land
12.140112 Literature			ACTIVE	EMPH	45	
16.010201 Linguistics			ACTIVE	EMPH	40	
23.010114 General			ACTIVE	EMPH	40	
23.130100 Rhetoric and Writing			ACTIVE	EMPH	40	
23.130202 Creative Writing			ACTIVE	EMPH	39	
13.130500 English	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MA	36	Land
13.140100 TESL			ACTIVE	EMPH	36	
13.130501 English	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	39	Land
13.130501 Communication Arts and Literature (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land
13.130500 English	Winona State University	5169 Winona-WSU Campus	ACTIVE	BA	120	Land
23.010101 Linguistics			ACTIVE	EMPH	36	
23.010113 2nd Combining: Writing			ACTIVE	EMPH	37	
23.010114 1st Combining			ACTIVE	EMPH	37	
23.130113 Writing			ACTIVE	EMPH	49	
13.130500 English	Winona State University	5169 Winona-WSU Campus	ACTIVE	MS	30	Land
13.130511 Literature and Language			ACTIVE	EMPH	30	
13.140100 TESOL			ACTIVE	EMPH	30	
13.1307 HEALTH TEACHER EDUCATION. A program that prepares individuals to teach health education programs at various educational levels.						B N
13.130701 Health Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land
13.130701 Health Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	128	Land
13.130703 Health and Physical Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
13.130701 Post-Baccalaureate School Health Education	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	GC	21	Land
13.130702 School Health Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land
13.130701 School Health Education	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	MS	34	Land
13.130701 Health Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land
13.130703 Health and Physical Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land

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13.1308 FAMILY AND CONSUMER SCIENCES/HOME ECONOMICS TEACHER EDUCATION. A program that prepares individuals to teach vocational home economics programs at various educational levels.						B	N
13.130802 Family Consumer Science Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
13.1309 TECHNOLOGY TEACHER EDUCATION/INDUSTRIAL ARTS TEACHER EDUCATION. A program that prepares individuals to teach technology education/industrial arts programs at various educational levels.						B	N
13.130902 Technology Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.130900 Technology Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	30	Land	
13.1311 MATHEMATICS TEACHER EDUCATION. A program that prepares individuals to teach mathematics programs at various educational levels. Examples: [Elementary Mathematics Teacher Education], [Middle School Mathematics Teacher Education], [Secondary Mathematics Teacher Education]						B	N
13.131103 Elementary and Middle Level Mathematics Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	MS	30	Land	
13.131102 Mathematics	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	MS	30	Land	
13.131101 Mathematics Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land	
13.131101 Mathematics Teaching	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land	
13.131100 Mathematics	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land	
27.030412 Computation			ACTIVE	EMPH	50		
52.130411 Actuarial Science			ACTIVE	EMPH	56		
13.131101 Mathematics Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land	
13.131101 Mathematics Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
13.131101 Mathematics Teaching	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
13.131101 Mathematics	Rainy River Community College	5111 International Falls Campus	ACTIVE	AS	60	Land	
13.131101 Mathematics Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
13.131101 Mathematics Teaching	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.131101 Mathematics: Secondary Teaching	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land	
13.1312 MUSIC TEACHER EDUCATION. A program that prepares individuals to teach music and music appreciation programs at various educational levels.						B	N
13.131201 Music Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	136	Land	
13.131201 Kodály	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	GC	9	Land	
13.131200 Music Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	136	Land	
50.090312 Instrumental			ACTIVE	EMPH	99		
50.090812 Vocal			ACTIVE	EMPH	101		
13.131200 Music Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	136	Land	
50.090311 Instrumental/General Music (K-12)			ACTIVE	EMPH	0		
50.090812 Vocal/General Music (K-12)			ACTIVE	EMPH	0		
13.131202 Music Education Instrumental/General K-12	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AFA	60	Land	

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
13.131203 Music Education Vocal/General K-12	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AFA	60	Land
13.131201 Music Teacher Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	136	Land
13.131200 Music Teaching	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	136	Land
50.090312 Instrumental			ACTIVE	EMPH	14	
50.090811 Vocal			ACTIVE	EMPH	14	
13.131200 Music (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	136	Land
50.090312 Instrumental			ACTIVE	EMPH	12	
50.090811 Vocal			ACTIVE	EMPH	12	
13.1314 PHYSICAL EDUCATION TEACHING AND COACHING. A program that prepares individuals to teach physical education programs and/or to coach sports at various educational levels.						B N
13.131401 Athletic Coaching	Anoka-Ramsey Community College	5004 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	Certificate	17	Land
13.131401 Physical Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land
13.131401 Physical Education	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	60	Land
13.131400 Coaching	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	Certificate	9	Land
13.131401 Coaching	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	19	Land
13.131401 Physical Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	128	Land
13.131401 Athletic Coaching	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	17	Land
13.131401 Physical Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land
13.131401 Personal Trainer	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	30	Land
13.131401 Physical Education	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Land
13.131401 Physical Education Teaching and Coaching	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	10	Land
13.131401 Coaching	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Certificate	9	Land
13.131405 Coaching	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	10	Land
13.131406 Coaching	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	30	Land
13.131400 Physical Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land
31.010113 Recreation			ACTIVE	EMPH	36	
31.050413 Sports Management			ACTIVE	EMPH	34	
13.131401 Physical Education Teaching	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land
13.131400 Physical Education: Coaching of Sport	Southwest Minnesota State University	5161 Marshall Campus	NEW	MS	34	Land
13.131401 Athletic Coaching	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	21	Land
13.131401 Physical Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land
13.131401 Physical Education (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
13.1315 READING TEACHER EDUCATION. A program that prepares individuals to diagnose reading difficulties and to teach reading programs at various educational levels.						B	N
13.131501 Language and Literacy	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	22	Land	
13.131501 Literacy Instruction	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	GC	14	Land	
13.131501 Reading	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Certificate	15	Land	
13.131501 Reading	Minnesota State University, Mankato	1020 Virtual - Minnesota State University, Mankato	ACTIVE	GC	18	Online	
13.131501 Reading	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
13.131501 Reading Instruction	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	18	Land	
13.131501 Reading Teacher K-12	St. Cloud State University	5164 North Branch	ACTIVE	GC	15	Land	
13.1316 SCIENCE TEACHER EDUCATION/GENERAL SCIENCE TEACHER EDUCATION. A program that prepares individuals to teach general science programs, or a combination of the biological and physical science subject matter areas, at various educational levels.						B	N
13.131601 Science	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	MS	30	Land	
13.131600 Science Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land	
13.133703 Earth and Space Science			ACTIVE	EMPH	26		
26.010103 Life Science			ACTIVE	EMPH	23		
40.050103 Chemistry			ACTIVE	EMPH	20		
40.080104 Physics			ACTIVE	EMPH	25		
13.131615 Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	27	Land	
13.131601 Science Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
13.131601 Science	Rainy River Community College	5111 International Falls Campus	ACTIVE	AS	60	Land	
13.131601 Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	35	Land	
13.131613 Physical Science (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	128	Land	
13.132311 Chemistry (Teaching)			ACTIVE	EMPH	80		
13.132912 Physics (Teaching)			ACTIVE	EMPH	62		
13.1317 SOCIAL SCIENCE TEACHER EDUCATION. A program that prepares individuals to teach specific social science subjects and programs at various educational levels.						B	N
13.131701 Social Science/History	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land	
13.1318 SOCIAL STUDIES TEACHER EDUCATION. A program that prepares individuals to teach general social studies programs at various educational levels.						B	N
13.131801 Social Studies Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land	
13.131801 Social Studies Teaching	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land	
13.131800 Social Studies Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land	
42.010116 Psychology			ACTIVE	EMPH	95		
45.020116 Anthropology			ACTIVE	EMPH	94		
45.060113 Economics			ACTIVE	EMPH	94		
45.100114 Political Science			ACTIVE	EMPH	94		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
45.110116 Sociology			ACTIVE	EMPH	95		
54.010113 History			ACTIVE	EMPH	90		
13.131811 Social Studies Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
42.010117 Psychology			ACTIVE	EMPH	34		
45.020111 Anthropology			ACTIVE	EMPH	34		
45.060112 Economics			ACTIVE	EMPH	34		
45.070115 Geography			ACTIVE	EMPH	34		
45.100115 Political Science			ACTIVE	EMPH	34		
45.110117 Sociology			ACTIVE	EMPH	34		
54.010117 History			ACTIVE	EMPH	34		
13.131800 Social Studies Teaching	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
42.010116 Psychology			ACTIVE	EMPH	15		
45.020111 Anthropology			ACTIVE	EMPH	15		
45.060116 Economics			ACTIVE	EMPH	15		
45.070116 Geography			ACTIVE	EMPH	15		
45.100116 Political Science			ACTIVE	EMPH	15		
45.110117 Sociology			ACTIVE	EMPH	15		
54.010116 History			ACTIVE	EMPH	15		
13.131800 Social Studies Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
45.060119 Economics			ACTIVE	EMPH	21		
45.070118 Geography			ACTIVE	EMPH	24		
45.100119 Political Science			ACTIVE	EMPH	24		
45.110119 Sociology			ACTIVE	EMPH	24		
54.010118 History			ACTIVE	EMPH	24		
13.1322 BIOLOGY TEACHER EDUCATION. A program that prepares individuals to teach biology programs at various educational levels.							B N
13.132201 Life Sciences Teaching	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land	
13.132201 Life Science Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	128	Land	
13.132201 Biology Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
13.132201 Life Science Teaching (5-12)	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
13.132201 Life Science/Biology Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
13.132203 Life Science Education Grades 9-12	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.132202 Life Science/General Science Education Grades 5-12	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.132201 Life Science (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land	
13.1323 CHEMISTRY TEACHER EDUCATION. A program that prepares individuals to teach chemistry programs at various educational levels.							B N
13.132301 Chemistry Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	128	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
13.132301 Chemistry Teaching	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
13.132301 Chemistry Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
13.132303 Chemistry Education Grades 9-12	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.132302 Chemistry/General Scienc Education Grades 5-12	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.132301 ACS Chemistry (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land	
13.1324 DRAMA AND DANCE TEACHER EDUCATION. A program that prepares individuals to teach drama and/or dance programs at various educational levels.							B
13.132403 Dance Education (K-12)	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	N
13.1325 FRENCH LANGUAGE TEACHER EDUCATION. A program that prepares individuals to teach French language programs at various educational levels.							B
13.132501 French Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	N
13.132501 French Teaching	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
13.132501 French	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.1326 GERMAN LANGUAGE TEACHER EDUCATION. A program that prepares individuals to teach German language programs at various educational levels.							B
13.132601 German Teaching	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	N
13.132601 German	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.1328 HISTORY TEACHER EDUCATION. A program that prepares individuals to teach history programs at various educational levels.							B
13.132801 History Teacher Education	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	33	Land	N
13.1329 PHYSICS TEACHER EDUCATION. A program that prepares individuals to teach physics programs at various educational levels.							B
13.132901 Physics Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	128	Land	N
13.132901 Physics Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
13.132901 Physics Teaching	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
13.132903 Physics Education Grades 9-12	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.132902 Physics/General Science Education Grades 5-12	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.132901 Physics (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land	
13.1330 SPANISH LANGUAGE TEACHER EDUCATION. A program that prepares individuals to teach Spanish language programs at various educational levels.							B
13.133001 Spanish Education	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land	N
13.133001 Spanish Teacher Education	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	128	Land	
13.133001 Spanish Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
13.133001 Spanish Teaching	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
13.133001 K-12 Teachers of World Languages and Culture: Spanish Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
13.133001 Spanish	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
13.133001 Spanish (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land	
13.1331 SPEECH TEACHER EDUCATION. A program that prepares individuals to teach speech and language arts programs at various educational levels.							B N
13.133101 Communication Education	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	16	Land	
13.133112 Communication Arts and Literature/Secondary Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
13.133113 Speech Communication/Theatre Arts/Secondary Education	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
13.1334 SCHOOL LIBRARIAN/SCHOOL LIBRARY MEDIA SPECIALIST. A program that prepares individuals to serve as librarians and media specialists in elementary and secondary schools as well as special instructional centers.							M N
13.133401 Library Media Education	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	MS	34	Either	
13.133400 Information Media	St. Cloud State University	5164 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	MS	39	Either	
11.010301 Information Technologies			ACTIVE	EMPH	9		
11.010302 Instructional Design and Training			ACTIVE	EMPH	13		
13.050101 Instructional Design and Training			ACTIVE	EMPH	13		
13.050111 Education Media			ACTIVE	EMPH	15		
13.133401 Library Media Specialist	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	GC	15	Land	
13.1337 EARTH SCIENCE TEACHER EDUCATION. A program that prepares individuals to teach earth science programs at various educational levels. Examples: [Geosciences Education]							N
13.133700 Earth Science Teaching	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BS	120	Land	
13.133713 Earth Science Teaching (5-12)	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
13.133715 Earth and Space Science Education Grades 9-12	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.133716 Earth and Space Science/General Science Education Grades 5-12	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
13.133713 Earth Science (Teaching)	Winona State University	5169 Winona-WSU Campus	ACTIVE	BT	120	Land	
13.1399 TEACHER EDUCATION AND PROFESSIONAL DEVELOPMENT, SPECIFIC SUBJECT AREAS, OTHER. Any instructional program in teacher education, specific academic and vocational programs not listed above.							B N
13.139901 Teaching Interdisciplinary Humanities	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	21	Land	
13.1401 TEACHING ENGLISH AS A SECOND OR FOREIGN LANGUAGE/ESL LANGUAGE INSTRUCTOR. A program that focuses on the principles and practice of teaching English to students who are not proficient in English or who do not speak, read or write English, and that may prepare individuals to function as teachers and administrators in such programs.							B N
13.140100 ESOL Education	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	13	Land	
13.140102 Teaching English as a Second Language	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	NEW	BS	120	Land	
13.140101 Teaching English as a Second Language	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	GC	20	Land	
13.140102 Teaching English as a Second Language	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	NEW	MA	36	Land	
13.140104 Teaching English as a Second Language, Licensure	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	38	Land	
13.140103 Teaching English as a Second Language, Nonlicensure	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	28	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
13.140101 Teaching English as a Second Language	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	24	Land	
13.140101 Teaching of English as a Second Language	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	24	Land	
13.140100 K-12 English as a Second Language	Southwest Minnesota State University	5161 Marshall Campus	NEW	BS	120	Land	
13.140101 Teaching English as a Second Language	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	24	Land	
13.140101 Teaching English as a Second Language K-12	Winona State University	5169 Winona-WSU Campus	NEW	BT	120	Land	
13.1501 TEACHER ASSISTANT/AIDE. A program that prepares individuals to assist a teacher in regular classroom settings or in providing instruction and supervision to special student populations, such as bilingual/bicultural students, special education students, adult learners, and students learning English. Includes instruction in techniques of general classroom supervision, maintaining order, assisting with lessons and carrying out related assignments. Examples: [Early Childhood Education Teacher Assistant/Aide], [Elementary Education Teacher Assistant/Aide], [Special Education Teacher Assistant/Aide], [Paraprofessional Educator]						M	Y
13.150100 Special Education	Central Lakes College	5007 Brainerd Campus	NEW	AAS	60	Land	
13.150100 Special Education	Central Lakes College	5007 Brainerd Campus	NEW	Certificate	20	Land	
13.150101 Paraeducation	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
13.150101 Paraeducator	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	60	Land	
13.150101 Paraprofessional Educator	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	30	Land	
13.150101 Paraprofessional Educator	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	30	Land	
13.150101 Paraprofessional	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	Certificate	17	Land	
13.150101 Teacher Assistant/Instructional Aide/Paraprofessional	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	AAS	60	Land	
13.150101 Special Education	Minneapolis Community and Technical College	5057 Minneapolis Campus	NEW	Certificate	24	Land	
13.150101 Early Childhood and Paraprofessional Education	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	AS	60	Land	
13.150101 Education Paraprofessional	Minnesota West Community and Technical College	1021 Virtual - Minnesota West Community and Technical C	ACTIVE	Certificate	12	Online	
13.150101 Early Childhood and Paraprofessional Education	Northland Community and Technical College	1039 Virtual - Northland Community and Technical Colleg	ACTIVE	AS	60	Online	
13.150103 Education Paraprofessional, Title 1	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	60	Land	
13.150102 Educational Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	68	Land	
13.150101 Educational Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	20	Land	
13.150101 Educational Assistant	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Diploma	43	Land	
13.150101 Paraprofessional Educator	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	65	Land	
23.0101 ENGLISH LANGUAGE AND LITERATURE, GENERAL. A general program that focuses on the English language, including its history, structure and related communications skills; and the literature and culture of English-speaking peoples.						B	N
23.010101 English	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
23.010101 English	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	MA	30	Land	
23.010101 English	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land	
23.010100 English	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
23.130111 Writing			ACTIVE	EMPH	29		
23.010102 English Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
23.010101 English	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land	
23.010101 English	Winona State University	5169 Winona-WSU Campus	ACTIVE	MA	30	Land	
30.2301 INTERCULTURAL/MULTICULTURAL AND DIVERSITY STUDIES. A program that focuses on the dynamic social relations between and among majority and minority groups and different minority groups, and ways to promote mutual tolerance, inter-group cooperation, and the leadership and management of diverse groups and diversity issues in family, educational, recreational, and work settings. Includes instruction in ethnic and cultural studies, group psychology, sociology, anthropology, conflict resolution, human services and resources, and applications to various functional environments.						B	N
30.230100 Human Relations	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	17	Land	

Cluster: Government and Public Administration

Pathway: Foreign Service

45.0901 INTERNATIONAL RELATIONS AND AFFAIRS. A program that focuses on the systematic study of international politics and institutions, and the conduct of diplomacy and foreign policy. Includes instruction in international relations theory, foreign policy analysis, international law and organization, the comparative study of specific countries and regions, and the theory and practice of diplomacy. Examples: [International Relations], [International Affairs], [Foreign Policy and Diplomacy], [International Relations and Affairs-Economics], [International Relations and Affairs-History], [International Relations and Affairs-Political Science]

45.090101 International Relations	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	B	N
45.090101 International Relations	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		

Pathway: Governance

44.0501 PUBLIC POLICY ANALYSIS, GENERAL. A program that focuses on the systematic analysis of public policy issues and decision processes. Includes instruction in the role of economic and political factors in public decision-making and policy formulation, microeconomic analysis of policy issues, resource allocation and decision modeling, cost/benefit analysis, statistical methods, and applications to specific public policy topics. Examples: [Public Policy Analysis]

44.050101 Applied Public Policy	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	Minor	20	Land		
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45.1001 POLITICAL SCIENCE AND GOVERNMENT, GENERAL. A general program that focuses on the systematic study of political institutions and behavior. Includes instruction in political philosophy, political theory, comparative government and politics, political parties and interest groups, public opinion, political research methods, studies of the government and politics of specific countries, and studies of specific political institutions and processes.

45.100101 Political Science	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land	B	N
45.100100 Political Science	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land		
45.090211 Strategic Studies			ACTIVE	EMPH	21			
45.100101 Political Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
45.100101 Political Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
45.100101 Political Science	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land		
45.100101 Political Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
45.100100 Political Science	Winona State University	5169 Winona-WSU Campus	ACTIVE	BA	120	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
45.090111 International Studies			ACTIVE	EMPH	42			
Pathway: National Security								
28.0301 ARMY JROTC/ROTC. A program that introduces students to the theory and practice of military science, life in the U.S. Army, and prepares them for cadet status (Junior ROTC or JROTC) or for service as commissioned reserve or active duty officers (senior AROTC or ROTC). Programs are offered as adjuncts to regular high school or college instructional programs.							B	N
28.030100 Military Science	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	22	Land		
28.030101 Military Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	18	Land		
29.0203 SIGNAL/GEOSPATIAL INTELLIGENCE. A program that focuses on the theory, technology and operational aspects of collecting, processing and exploiting remote-sensed, radar, acoustic and other forms of signals intelligence. Includes instruction in applied physics, wave propagation and capture, radar systems, acoustics and underwater systems, infrared systems, synthetic aperture systems, collection and processing systems, signal phenomenology, signal analysis and exploitation, and applications to specific intelligence problems. Examples: [Advanced Geospatial Intelligence]								N
29.020300 Imagery Analysis	Northland Community and Technical College	5524 Thief River Falls Campus	PRENEW	Certificate	30	Land		
Pathway: Planning								
04.0301 CITY/URBAN, COMMUNITY AND REGIONAL PLANNING. A program that prepares individuals to apply principles of planning, analysis, and architecture to the development and improvement of urban areas and surrounding regions, and to function as professional planners. Includes instruction in principles of architecture; master plan development; service, communications, and transportation systems design; community and commercial development; zoning; land use planning; applied economics; policy analysis; applicable laws and regulations; and professional responsibilities and managerial duties. Examples: [Urban Design]							F	N
04.030104 Urban Planning	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	GC	12	Land		
04.030101 Urban Planning	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	MA	30	Land		
45.1201 URBAN STUDIES/AFFAIRS. A program that focuses on the application of social science principles to the study of urban institutions and the forces influencing urban social and political life. Includes instruction in urban theory, the development and evolution of urban areas, urban sociology, principles of urban and social planning, and the politics and economics of urban government and services.							M	N
45.120101 Urban and Regional Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
45.120112 Urban and Regional Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MA	33	Land		
45.120101 Planning and Community Development	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
Pathway: Public Management and Administration								
44.0401 PUBLIC ADMINISTRATION. A program that prepares individuals to serve as managers in the executive arm of local, state, and federal government and that focuses on the systematic study of executive organization and management. Includes instruction in the roles, development, and principles of public administration; the management of public policy; executive-legislative relations; public budgetary processes and financial management; administrative law; public personnel management; professional ethics; and research methods.							F	N
44.040104 Local Government Management	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	GC	12	Land		
44.040104 Public Administration	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	12	Land		
44.040100 Public Administration	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	MPA	34	Land		
44.040100 American Administration			ACTIVE	EMPH	9			
44.050401 International Administration			ACTIVE	EMPH	9			
44.040101 Public Administration	Southwest Minnesota State University	5161 Brainerd Campus	ACTIVE	BA	120	Land		
44.040101 Public Administration	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
52.0206 NON-PROFIT/PUBLIC/ORGANIZATIONAL MANAGEMENT. A program that prepares individuals to manage the business affairs of non-profit corporations, including foundations, educational institutions, associations, and other such organizations, and public agencies and governmental operations. Includes instruction in business management, principles of public administration, principles of accounting and financial management, human resources management, taxation of non-profit organizations, and business law as applied to non-profit organizations.							B	N
52.020601 Organizational Administration	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BAS	120	Either	
52.020600 Public and Nonprofit Administration	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	MPNA	40	Either	
52.020603 Nonprofit Leadership	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	GC	15	Land	
52.020601 Non-Profit Leadership	Minnesota State University, Mankato	1020	Virtual - Minnesota State University, Mankato	ACTIVE	Certificate	18	Online	
52.020602 Nonprofit	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	27	Land	
52.020601 Public and Nonprofit Institutions	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	42	Land	

Cluster: Human Services

Pathway: Consumer Services

19.0101 FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES, GENERAL. A general program that focuses on family and consumer sciences, including how individuals develop and function in family, work, and community settings and how they relate to their physical, social, emotional, and intellectual environments.

19.010100 Family Consumer Science	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land	
19.010117 Child Development and Family Studies				ACTIVE	EMPH	52		
19.050116 Food and Nutrition				ACTIVE	EMPH	49		
51.310116 Dietetics				ACTIVE	EMPH	43		
19.010102 Family Consumer Science	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	Minor	20	Land	

Pathway: Counseling and Mental Health Services

51.1501 SUBSTANCE ABUSE/ADDICTION COUNSELING. A program that prepares individuals to help prevent substance abuse, counsel individuals and families with drug and alcohol problems, and perform intervention and therapeutic services for persons suffering from addiction. Includes instruction in individual and group counseling skills, psychology of addiction, sociology, crisis intervention, substance abuse identification methodologies, substance abuse treatment modalities, substance abuse prevention and treatment resources, pharmacology and behavioral aspects of abused substances, treatment evaluation, patient observation and education, group dynamics, professional standards and ethics, and applicable law and regulations.

51.150101 Chemical Dependency	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	Minor	30	Land	
51.150101 Chemical Dependency	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	AS	60	Land	
51.150101 Chemical Dependency	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	26	Land	
51.150101 Chemical Dependency	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	Certificate	18	Land	
51.150101 Chemical Dependency Specialist	Mesabi Range Community and Technical College	5537	Virginia Campus	ACTIVE	Certificate	24	Land	
51.150101 Human Services-Chemical Dependency Specialist	Mesabi Range Community and Technical College	5537	Virginia Campus	ACTIVE	AAS	64	Land	
51.150101 Alcohol and Drug Counseling	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land	
51.150101 Addiction Counseling	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AS	60	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
51.150101 Addiction Counseling	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	44	Land		
51.150101 Alcohol and Drug Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
51.150101 Chemical Dependency Counselor	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Certificate	30	Land		
51.150101 Alcohol and Drug Counseling	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	AS	60	Land		
51.150101 Chemical Health Assistant	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	11	Land		
51.150101 Chemical Dependency	St. Cloud State University	5164 Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	BS	120	Land		
51.150101 Chemical Dependency Specialist Certificate	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	GC	18	Land		
51.150101 Addiction Counseling	Winona State University	5234 University Center Rochester - WSU Campus	ACTIVE	GC	18	Either		
51.1504 COMMUNITY HEALTH SERVICES/LIAISON/COUNSELING. A program that prepares individuals to serve as facilitators, advocates, and referral professionals linking health care and related social services with affected recipient communities. Includes instruction in public and community health, human and social services, health services administration, group counseling, health education, group advocacy, cross-cultural and multilingual communication, and applicable laws and policies. Examples: [Community Health Education]							B	Y
51.150401 Community Paramedic	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	NEW	Certificate	12	Land		
51.150402 Community Health Worker	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	11	Land		
51.150403 Community Health Worker	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	17	Land		
51.150400 Community Health Worker	Northwest Technical College	5492 Bemidji-NTC Campus	NEW	Certificate	17	Either		
51.150400 Community Health Worker	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	Certificate	16	Land		
51.150402 Enhanced Community Health Worker	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	16	Land		
51.150402 Community Health Worker	South Central College	5183 North Mankato Campus	ACTIVE	Certificate	11	Land		
51.1505 MARRIAGE AND FAMILY THERAPY/COUNSELING. A program that prepares individuals for the independent professional practice of marriage and family therapy, involving the diagnosis of cognitive, affective, and behavioral domain disorders, both mental and emotional, within the context of marriage and family systems and the application of short- and long-term therapeutic strategies in family group contexts. Includes instruction in psychotherapy, family systems and studies, small group intervention and therapy, marital problems, depression, identification of psychopathologies and behavioral disorders, holistic health care, practice management, applicable regulations, and professional standards and ethics.							B	N
51.150501 Marriage and Family Counseling	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	15	Land		
51.150501 Marriage and Family Therapy	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	GC	18	Land		
51.150501 Marriage and Family Therapy	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	52	Land		
51.2310 VOCATIONAL REHABILITATION COUNSELING/COUNSELOR. A program that prepares individuals to counsel and assist disabled individuals and recovering patients in order to achieve their greatest physical, mental, social, educational, and vocational potential. Includes instruction in patient evaluation and testing, rehabilitation program planning, patient support services and referral, job analysis, adjustment psychology, rehabilitation services provision, patient counseling and education, applicable law and regulations, and professional standards and ethics. Examples: [Rehabilitation Counseling], [Rehabilitation Services]							B	N
51.231001 Forensic Vocational Rehabilitation	Minnesota State University, Mankato	1020 Virtual - Minnesota State University, Mankato	ACTIVE	GC	15	Online		
51.231001 Rehabilitation Counseling	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	48	Land		
51.231001 Counseling Psychology: Rehabilitation Counseling	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	48	Land		

Pathway: Early Childhood Development and Services

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
19.0706 CHILD DEVELOPMENT. A program that focuses on the intellectual, social, emotional, and biological development of children and the planning and design of related human services. Includes instruction in parent-child relations, parenting practices, special needs of children, parental and environmental influences on child development, external support services, and related public policy issues.						B	Y
19.070600 Child Development	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land	
19.070600 Child Development	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AS	60	Land	
19.070601 Child Development, Care and Guidance	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	60	Land	
19.070602 Child Development/American Sign Language	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	60	Land	
19.070600 Young Child Education	Central Lakes College	5007 Brainerd Campus	ACTIVE	AS	60	Land	
19.070601 Child Life Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	60	Land	
19.070600 Child Development	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AAS	60	Land	
19.070600 Child Development	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	AS	60	Land	
19.070600 Child Development	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Land	
19.070600 Child Development	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Land	
19.070600 Child Development	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	AS	60	Land	
19.070600 Young Child Education	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AS	60	Land	
19.070600 Child Development	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	60	Land	
19.070601 Child Development Careers	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AAS	62	Land	
19.070602 Child Development Careers	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AS	60	Land	
19.070603 Child Development Careers ASL	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AS	60	Land	
19.070601 Child Development Careers	South Central College	5183 Faribault Campus	ACTIVE	AAS	66	Land	
19.070600 Child Development Careers	South Central College	5183 Faribault Campus	ACTIVE	AS	62	Land	
19.0708 CHILD CARE AND SUPPORT SERVICES MANAGEMENT. A program that focuses on the provision and management of child care services and that prepares individuals to plan, design, and manage child care facilities and programs that meet children's developmental needs and interests and that provide safe and healthy environments. Includes instruction in child development and psychology; home- and institution-based child care; identification of diseases, injuries, and psychological trauma and applicable referrals; parent relations; personnel and business management principles; and related laws and policies.						M	Y
19.070801 Early Childhood and Youth Development	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	60	Land	
19.070800 Early Childhood and Youth Development	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AS	60	Land	
19.070801 Early Childhood Development	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	AAS	60	Land	
19.070801 Early Childhood Development	Pine Technical College	5162 Pine Technical College Campus	ACTIVE	AS	60	Land	
19.070851 Child Development Administration	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	10	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
19.070802 Administration of Child Care	South Central College	5183 Faribault Campus	ACTIVE	AAS	66	Land		
19.070801 Administration of Child Care Programs	South Central College	1031 Virtual - South Central College	ACTIVE	Certificate	11	Online		
19.0709 CHILD CARE PROVIDER/ASSISTANT. A program that prepares individuals to be primary providers of home, family, residential, or institutional-based child care services. Includes instruction in child growth and development, nutrition, recreation, planning and supervision of play and learning activities, child abuse and neglect prevention, parent-child relationships, and applicable legal and administrative requirements.							M	Y
19.070913 Child Development	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	30	Land		
19.070900 Child Development	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	36	Land		
19.070913 Child Development	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	20	Land		
19.070900 Child Development Assistant	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	31	Land		
19.070913 Early Childhood and Youth Development	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	18	Land		
19.070901 Early Childhood and Youth Development	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	33	Land		
19.070902 National CDA Training Program	Dakota County Technical College	1007 Virtual - Dakota County Technical College	ACTIVE	Certificate	12	Online		
19.070903 Infant and Toddler Child Development	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	18	Either		
19.070902 Preschool Child Development	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	18	Either		
19.070905 School Age Child Development	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	18	Either		
19.070900 Child Development	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	32	Land		
19.070901 Child Care Teacher	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	30	Land		
19.070901 Child Development	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	Certificate	16	Land		
19.070907 Child Development Competency	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	Certificate	10	Either		
19.070905 Early Childhood Personal Care Attendant	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	Certificate	16	Land		
19.070906 School Age Personal Care Attendant	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	Certificate	16	Land		
19.070913 Child Development	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	17	Land		
19.070900 Child Development	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Diploma	32	Land		
19.070901 Early Childhood Development	Minnesota State College-Southeast Technical	1018 Virtual - Minnesota State College-Southeast Techni	ACTIVE	Certificate	18	Online		
19.070904 Child Care and Education Level II	Minnesota State Community and Technical College	5493 Detroit Lakes Campus	ACTIVE	Certificate	24	Land		
19.070913 Child Development	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Certificate	16	Land		
19.070900 Child Development	Minnesota West Community and Technical College	5059 Granite Falls Campus	ACTIVE	Diploma	34	Land		
19.070900 Child Care and Education	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	AAS	60	Land		
19.070913 Child Care and Education - Level I	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	20	Land		
19.070914 Child Care and Education Level II	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	27	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode
19.070913 Early Childhood Development	Pine Technical College	5162	Pine Technical College Campus	ACTIVE	Certificate	16	Land
19.070900 Early Childhood Development	Pine Technical College	5162	Pine Technical College Campus	ACTIVE	Diploma	36	Land
19.070913 Child Care and Education	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Certificate	17	Land
19.070913 Child Development	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	22	Land
19.070900 Child Development	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Diploma	32	Land
19.070914 Youth Work	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	17	Land
19.070914 Child Development Careers	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	16	Land
19.070901 Child Development Careers	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	32	Land
19.070912 Child Development Careers	South Central College	5183	Faribault Campus	ACTIVE	Certificate	17	Either
19.070900 Child Development Careers	South Central College	5183	Faribault Campus	ACTIVE	Diploma	34	Land

Pathway: Family and Community Services

16.0103 LANGUAGE INTERPRETATION AND TRANSLATION. A program that prepares individuals to be professional interpreters and/or translators of documents and data files, either from English or (Canadian) French into another language or languages or vice versa. Includes intensive instruction in one or more foreign languages plus instruction in subjects such as single- and multiple-language interpretation, one- or two-way interpretation, simultaneous interpretation, general and literary translation, business translation, technical translation, and other specific applications of linguistic skills.

16.010301 Translation and Interpreting	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	AAS	60	Land	B	Y
16.010301 Translation and Interpreting	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	30	Land		

16.1601 AMERICAN SIGN LANGUAGE (ASL). A program that focuses on American Sign Language as a visual and motor medium of communication and discourse for deaf individuals and deaf culture. Includes instruction in the development of ASL, ASL morphology and syntax, signing technique, English translation of ASL, formal and colloquial ASL, and ASL transcription.

16.160101 American Sign Language Studies	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	ACTIVE	Certificate	15	Land	B	Y
16.160101 American Sign Language	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	Certificate	22	Land		
16.160101 American Sign Language Studies	Pine Technical College	5162	Pine Technical College Campus	ACTIVE	Certificate	18	Land		
16.160101 American Sign Language Studies	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	30	Land		

16.1603 SIGN LANGUAGE INTERPRETATION AND TRANSLATION. A program that prepares individuals to function as simultaneous interpreters of American Sign Language

16.160301 Sign Language Interpreter Preparation	Minnesota State Community and Technical College	5497	Moorhead-MSCTC Campus	NEW	AAS	65	Land	B	Y
16.160301 Sign Language Interpreter/Transliterater	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	72	Land		

19.0701 HUMAN DEVELOPMENT AND FAMILY STUDIES, GENERAL. A general program that focuses on basic human developmental and behavioral characteristics of the individual within the context of the family. Includes instruction in the conditions that influence human growth and development; strategies that promote growth and development across the life span; and the study of family systems.

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
19.070102 Child and Family Studies: Family Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	36	Land		
19.0702 ADULT DEVELOPMENT AND AGING. A program that focuses on the characteristics of aging populations and the needs of older individuals in family and institutional settings. Includes instruction in the biological and psychological stages of aging; the provision of dependent care; serving the social, economic, and psychological needs of aging adults; related public policy issues; and adult community resources.							B	Y
19.070201 Elder Care/Gerontology	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	NEW	Certificate	18	Either		
19.0710 DEVELOPMENTAL SERVICES WORKER. A program that prepares individuals to apply practical knowledge and skills to support individuals with a variety of physical, mental or developmental disabilities in a family or community setting. Includes instruction in health care, basic nutrition, pharmacology, nursing, autism, mental health, psychology, sociology, behavioral analysis, communication, intervention, counseling and community services, and developmental services, such as literacy and life skills training.								Y
19.071000 Community Supports for People with Disabilities	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	64	Land		
19.071000 Community Supports for People with Disabilities	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	48	Land		
19.071000 Community Support for People with Disabilities	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AAS	64	Land		
19.071000 Community Support for People with Disabilities	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Land		
19.071000 Community Support for People with Disabilities	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Diploma	48	Land		
19.071000 Community Supports for People with Disabilities	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	AAS	64	Land		
19.071000 Community Supports for People with Disabilities	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	Certificate	16	Land		
19.071000 Community Supports for People with Disabilities	Minnesota West Community and Technical College	5062 Pipestone Campus	ACTIVE	Diploma	48	Land		
19.0799 HUMAN DEVELOPMENT, FAMILY STUDIES, AND RELATED SERVICES, OTHER. Any instructional program in human development, family studies, and related services not listed above.							B	Y
19.079905 Child and Adult Care and Education	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AAS	65	Land		
19.079905 Child and Adult Care and Education	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	AS	60	Land		
19.079905 Child and Adult Care and Education	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	ACTIVE	Diploma	35	Land		
30.2801 DISPUTE RESOLUTION. A program that provides individuals with skills in negotiation, mediation, and arbitration, that can be applied to resolve disputes in a variety of settings, including business, legal, domestic, and labor relations. Examples: [Dispute Resolution], [Dispute and Conflict Resolution], [Negotiation and Dispute Resolution], [Alternative Dispute Resolution]								N
30.280101 Applied Relational Conflict Management	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	21	Land		
44.0000 HUMAN SERVICES, GENERAL. A program that focuses on the general study and provision of human and social services to individuals and communities and prepares individuals to work in public and private human services agencies and organizations. Includes instruction in the social sciences, psychology, principles of social service, human services policy, planning and evaluation, social services law and administration, and applications to particular issues, services, localities, and populations.							B	N
44.000001 Human Services Practitioner	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	64	Either		
44.000001 Human Services Practitioner	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	48	Either		
44.000001 Human Services	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AS	60	Land		
44.000002 Human Services Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	30	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode
44.000003 Human Services Volunteer	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	16	Land
44.000000 Human Services	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	AAS	60	Land
44.070200 Youth and Family				ACTIVE	EMPH	7	
51.150100 Chemical Dependency				ACTIVE	EMPH	8	
44.000001 Human Service Worker	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	AS	60	Land
44.000001 Human Services Assistant	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	30	Land
44.000001 Human Services Generalist	Mesabi Range Community and Technical College	5537	Virginia Campus	ACTIVE	AAS	64	Land
44.000000 Human Services	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BHS	120	Land
19.040107 Family Studies				ACTIVE	EMPH	22	
19.040119 Training and Human Development				ACTIVE	EMPH	20	
19.04018 Administration				ACTIVE	EMPH	28	
30.110107 Gerontology				ACTIVE	EMPH	28	
30.280107 Violence Prevention and Intervention				ACTIVE	EMPH	28	
43.010207 Corrections				ACTIVE	EMPH	28	
44.000007 Disability Studies				ACTIVE	EMPH	24	
44.000001 Human Services	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land
44.000001 Human Services	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	AS	60	Land
44.000001 Human Services	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Diploma	36	Land
44.000001 Sociology Human Service Planning and Administration	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MS	34	Land
44.000001 Human Services	Minnesota West Community and Technical College	5072	Worthington Campus	ACTIVE	AS	60	Land
44.000002 Public Welfare Financial Worker	Pine Technical College	5162	Anoka Technical College	ACTIVE	AAS	62	Land
44.000003 Public Welfare Financial Worker	Pine Technical College	5162	Anoka Technical College	ACTIVE	Diploma	41	Land
44.000001 Human Services	Riverland Community College, A Technical & Community College	5139	Austin Campus	ACTIVE	AS	60	Land
44.000002 Developmental Disability Assistant	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	11	Land
44.000000 Human Services Specialist	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	AS	60	Land
44.000000 Human Services Technician	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Diploma	36	Land
44.000001 Mental Health Assistant	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	11	Land
44.000000 Community Social Service	South Central College	5183	Faribault Campus	ACTIVE	AAS	70	Either
13.150100 Education Support Specialist				ACTIVE	EMPH	63	
44.000001 Community Social Service	South Central College	5183	Faribault Campus	ACTIVE	Certificate	17	Either
44.000000 Community Social Service	South Central College	5183	Faribault Campus	ACTIVE	Diploma	48	Land

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
13.150100 Education Support Specialist			ACTIVE	EMPH	43		
44.0201 COMMUNITY ORGANIZATION AND ADVOCACY. A program that focuses on the theories, principles, and practice of providing services to communities, organizing communities and neighborhoods for social action, serving as community liaisons to public agencies, and using community resources to furnish information, instruction, and assistance to all members of a community. May prepare individuals to apply such knowledge and skills in community service positions.						M	Y
44.020101 Community Development	Minneapolis Community and Technical College	5057 Minneapolis Campus	NEW	AS	60	Land	
44.0701 SOCIAL WORK. A program that prepares individuals for the professional practice of social welfare administration and counseling, and that focus on the study of organized means of providing basic support services for vulnerable individuals and groups. Includes instruction in social welfare policy; case work planning; social counseling and intervention strategies; administrative procedures and regulations; and specific applications in areas such as child welfare and family services, probation, employment services, and disability counseling.						M	N
44.070101 Social Work	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Land	
44.070101 Social Work	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BSW	120	Land	
44.070101 Social Work	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BSW	120	Land	
44.070101 Social Work	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BSSW	120	Land	
44.070101 Social Work	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MSW	59	Land	
44.070101 Social Work	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land	
44.070101 Social Work	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BS	120	Land	
44.070101 Social Work	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MSW	54	Land	
44.070101 Social Work	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	BSW	120	Land	
45.0101 SOCIAL SCIENCES, GENERAL. A program that focuses on the general study of human social behavior and social institutions using any of the methodologies common to the social sciences and/or history, or an undifferentiated program of study in the social sciences.						B	N
45.010100 Social Studies	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land	
42.010116 Psychology			ACTIVE	EMPH	21		
45.010112 Broad Field			ACTIVE	EMPH	21		
45.060112 Economics			ACTIVE	EMPH	21		
45.070113 Geography			ACTIVE	EMPH	21		
45.100115 Political Science			ACTIVE	EMPH	21		
45.130117 Sociology-Anthropology			ACTIVE	EMPH	21		
54.010114 History			ACTIVE	EMPH	21		
45.010101 Social Science	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land	
45.010101 Social Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
Pathway: Personal Care Services							
12.0401 COSMETOLOGY/COSMETOLOGIST, GENERAL. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations.						M	Y
12.040101 Cosmetology	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	72	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
12.040101 Cosmetology	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Diploma	52	Land	
12.040101 Cosmetology	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	AAS	66	Land	
12.040101 Cosmetology	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Diploma	52	Land	
12.040101 Cosmetology	Minnesota State Community and Technical College	5501	Wadena Campus	ACTIVE	Diploma	58	Land	
12.040101 Cosmetology	Minnesota West Community and Technical College	5061	Jackson Campus	ACTIVE	Diploma	63	Land	
12.040101 Cosmetology	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	AAS	67	Land	
12.040101 Cosmetology	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Diploma	52	Land	
12.040101 Cosmetology	Riverland Community College, A Technical & Community College	5139	Austin Campus	ACTIVE	Diploma	60	Land	
12.040101 Cosmetology	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	72	Land	
12.040101 Cosmetology	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Diploma	59	Land	
12.0402 BARBERING/BARBER. A program that prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Includes instruction in facial shaving; beard and mustache shaping and trimming; shampooing; hair cutting; hair styles and styling art; facial treatments and massage; chemical applications; hair and scalp anatomy and physiology; hairpiece and toupee fitting; equipment operation; health and safety; customer service; and shop business practices.							F	Y
12.040201 Barbering	Minneapolis Community and Technical College	5057	Minneapolis Campus	ACTIVE	Diploma	56	Land	
12.0409 AESTHETICIAN/ESTHETICIAN AND SKIN CARE SPECIALIST. A program that prepares individuals to cleanse, depilate, massage, and beautify the human body and to function as licensed estheticians and skin care specialists. Includes instruction in skin anatomy, physiology, and health; principles of nutrition; decontamination and infection control; health and safety; facial and body massage; body wrapping and spa treatments; temporary hair removal including waxing and tweezing; color and skin analysis; client consultation and care; applicable laws and regulations; business practices; and sometimes related alternative healing regimens. Examples: [Waxing], [Basic Aesthetician/Esthetician]							B	Y
12.040905 Estheology	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Certificate	20	Land	
12.040906 Estheology - Wisconsin	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Certificate	17	Land	
12.040903 Esthetist	Minnesota State Community and Technical College	5501	Wadena Campus	ACTIVE	Certificate	21	Land	
12.040903 Esthetician	Minnesota West Community and Technical College	5061	Jackson Campus	ACTIVE	Certificate	26	Land	
12.040904 Advanced Esthetics	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Certificate	29	Land	
12.040903 Estheology	Ridgewater College, A Community and Technical College	5117	Willmar Campus	ACTIVE	Certificate	20	Land	
12.040911 Esthetician	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	AAS	71	Land	
12.040911 Medical Esthetician				ACTIVE	EMPH	14		
51.350111 Spa Technician Esthetician				ACTIVE	EMPH	14		
12.040912 Esthetician	Saint Paul College - A Community and Technical College	5165	St. Paul College Campus	ACTIVE	Certificate	27	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
12.040912 Esthetician	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Diploma	60	Land		
12.0410 NAIL TECHNICIAN/SPECIALIST AND MANICURIST. A program that prepares individuals to shape fingernails and toenails, remove unwanted skin and blemishes, apply polish and cosmetics to nails, and function as licensed manicurists or nail technicians/specialists. Includes instruction in manicuring theory; skin anatomy; nail growth, irregularities, and diseases; sterilization and sanitation; equipment and table maintenance; cuticle, blemish, and rough skin removal; nail filing, shaping, and polishing; cream application and extremity massage; nail sculpture and design art; product storage and use; customer service; laws and regulations; and business practices.							M	Y
12.041001 Nail Care Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land		
12.041004 Nail Care Technology	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	13	Land		
12.041005 Nail Care Technology - Wisconsin	Minnesota State College-Southeast Technical	5114 Winona-MSC-ST Campus	ACTIVE	Certificate	11	Land		
12.041001 Manicurist	Minnesota State Community and Technical College	5501 Wadena Campus	ACTIVE	Certificate	16	Land		
12.041001 Manicurist	Minnesota West Community and Technical College	5061 Jackson Campus	ACTIVE	Certificate	16	Land		
12.041001 Nail Care Technology	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Certificate	12	Land		
12.041001 Nail Care Technician	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	Certificate	16	Land		

Cluster: Law, Public Safety, Corrections and Security

Pathway: Correction Services

43.0102 CORRECTIONS. A program that prepares individuals to study the theories and principles, of correctional science and to function as professional corrections officers and other workers in public and/or private incarceration facilities.

43.010202 Corrections	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	12	Land	F	N
43.010201 Corrections	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AS	60	Land		
43.010201 Correctional Officer	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Certificate	25	Land		
43.010201 Corrections	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
43.010201 Sociology Corrections	Minnesota State University, Mankato	5050 7700 France Ave. South, Edina	ACTIVE	MS	34	Land		
43.010201 Criminal Justice - Corrections	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	AS	60	Land		
43.010201 Criminal Justice - Corrections	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	Diploma	38	Land		
43.010200 Sociology: Criminal Justice	Winona State University	5169 Winona-WSU Campus	ACTIVE	BS	120	Land		
43.010200 Corrections			ACTIVE	EMPH	29			
43.010700 Law Enforcement			ACTIVE	EMPH	29			

Pathway: Emergency and Fire Management Services

43.0201 FIRE PREVENTION AND SAFETY TECHNOLOGY/TECHNICIAN. A program focusing on the application of fire science and technology to problems of reducing fire risk, limiting loss, supervising substance removal, conducting safety inspections and investigations, and advising on matters of safety procedures and fire prevention policy. Includes instruction in fire behavior, fire simulation, structural risk assessment, materials analysis, detection and suppression systems, smoke management, supply and evacuation, public education, legal aspects of fire prevention, and related research and communications methods. Examples: [Fire Prevention Education], [Fire Risk Prevention and Inspection]

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
43.020101 Fire Protection Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Diploma	48	Land	
43.020101 Fire Science Technology	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	AAS	72	Land	
43.020101 Fire Technology and Administration	Lake Superior College	5202 Emergency Response Training Center	ACTIVE	AAS	72	Land	
43.020101 Fire Technology	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AAS	62	Land	
43.020100 Fire Service Technology	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	29	Either	
43.0202 FIRE SERVICES ADMINISTRATION. A program focusing on the principles, theory, and practices associated with the management of fire operations, firefighting services, and community fire issues. Includes instruction in fire protection history and theory, incident command leadership, administration of public fire organizations, labor relations, emergency medical services management, fire emergency response strategies and mitigation, legal and regulatory responsibilities, budgeting, public relations, and organizational leadership. Examples: [Fire Administration], [Executive Fire Officer], [Fire Service and Management Information Systems]						F	N
43.020201 Company Officer	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	13	Land	
43.020201 Fire Department Company Officer	Minnesota State Community and Technical College	1041 Virtual - MN State Community & Technical College	NEW	Certificate	22	Online	
43.020200 Fire Service Administration	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BAS	120	Land	
43.0203 FIRE SCIENCE/FIRE-FIGHTING. A program focusing on the theory and practice of fires and fire-fighting. Includes instruction in fire chemistry and physics, combustible materials, computer science, building construction, fire codes and related laws, fire hydraulics, fire command, fire prevention/inspection, fire protection systems, fire suppression systems, fire/arson investigation, occupational safety, equipment operation, emergency medicine and communications. Examples: [Fire Science and Analysis], [Firefighter Training]						F	Y
43.020302 Fire Services	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
43.020302 Fire Suppression Technician	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	24	Land	
43.020302 Hazardous Materials	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	15	Land	
43.020301 Fire Suppression Technician	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	24	Land	
43.020301 Fire Service Preparation	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	Certificate	30	Land	
43.020303 Fire Service Preparation	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Certificate	16	Land	
43.020301 Fire Services	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	16	Land	
43.0205 FIRE/ARSON INVESTIGATION AND PREVENTION. A program focusing on the theory and principles of fire combustion and behavior applied to the analysis of fires and their causes. Includes instruction in fire behavior and combustion, fire dynamics, hazardous materials chemistry, incendiary fire analysis, fire-related human behavior, forensic procedures, investigative techniques, case management and case preparation. Examples: [Arson Prevention and Investigation], [Fire Investigation]							Y
43.020512 Fire Inspection/Investigation	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	10	Land	
43.0206 WILDLAND/FOREST FIREFIGHTING AND INVESTIGATION. A program focusing on the application of fire science, firefighting and investigation to the prevention, control and mitigation of wildland fires and the analysis of causes. Includes instruction in fire science and behavior, wildland environments, meteorology, wildland fire hydraulics and dynamics, water and chemical supply systems, wildland firefighting operations, airborne firefighting, firebreak engineering, communications systems, wildland arson, forensic procedures, wildland fire prevention, investigation techniques, case management and preparation.							Y
43.020600 Wildland Firefighting	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	Diploma	32	Land	
43.0301 HOMELAND SECURITY. A program focusing on security policy, planning and operations dedicated to the protection of U.S. territory, assets, infrastructure, institutions and citizens from external threats. Includes instruction in national security policy, government relations, intelligence, law enforcement, security technology, communications and information technology, homeland security planning and operations, disaster planning and applications to specific threat scenarios.							Y
43.030100 Emergency Management: Homeland Security	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	AAS	72	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(M)ale nontraditional
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
43.030107 Homeland Security Basic	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	15	Land		
43.030105 Homeland Security Emergency Management	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	15	Land		
43.030106 Homeland Security Planning	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	15	Land		
43.030100 Homeland Security Specialist	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AAS	60	Land		
43.0302 CRISIS/EMERGENCY/DISASTER MANAGEMENT. A program focusing on the application of the incident command system model to formulating and implementing effective response to natural and man-made disasters. Includes instruction in contingency planning, hazard and risk assessment, joint operations, law and ethics, emergency response and recovery, event mitigation, emergency rescue and medical operations, incident command, terrorism and national security issues, law enforcement, relief administration, volunteer and citizen coordination, public relations and applications to specific types of incidents. Examples: [Disaster Planning and Management], [Emergency and Disaster Mitigation], [Emergency Preparedness and Technology], [Incident Command Systems], [Emergency Training], [Disaster Operations and Recovery], [Integrated Emergency Management], [Disaster Medicine and Management], [Public Health Preparedness and Emergency Management]								Y
43.030200 Emergency Management	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	20	Land		
43.9999 HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING AND RELATED PROTECTIVE SERVICES, OTHER. Any instructional program in homeland security, law enforcement, firefighting, and related protective services not listed above.								F Y
43.999906 Public Safety	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land		
43.999903 Public Safety Leadership	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land		
43.999941 Advanced Rescue	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	Certificate	16	Land		
51.0810 EMERGENCY CARE ATTENDANT (EMT AMBULANCE). A program that prepares individuals to assist licensed EMTs, under the supervision of a physician, to prepare and transport ill or injured patients, and to operate emergency vehicles and equipment such as life support units. Includes instruction in first aid and emergency medicine field techniques, patient stabilization and care, medical field communications, equipment operation and maintenance, emergency vehicle operation, and applicable standards and regulations.								B Y
51.081001 Emergency Medical Services	Anoka Technical College	5003 Anoka Campus	ACTIVE	Certificate	29	Land		
51.081001 Emergency Medical Services	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	53	Land		
51.081002 Emergency Medical Services	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	19	Land		
51.081003 Emergency Medical Technician	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	9	Land		
51.081001 Emergency Medical Services Specialist	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	26	Land		
51.081003 Emergency Room Technician	Hennepin Technical College	5036 Eden Prairie Campus	ACTIVE	Certificate	20	Land		
51.081001 Emergency Medical Services	Mesabi Range Community and Technical College	5536 Eveleth Campus	ACTIVE	Certificate	16	Land		
51.081002 Emergency Medical Services	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	16	Land		
51.081003 Emergency Medical Technician	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	Certificate	7	Land		
51.081001 Emergency Medical Technician	Northwest Technical College	5492 Bemidji-NTC Campus	ACTIVE	Certificate	10	Land		
51.081001 Emergency Medical Services	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	Certificate	16	Land		
51.081001 Emergency Medical Care Services	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	16	Land		
51.081001 Emergency Medical Technology	Rochester Community and Technical College	5186 Rochester - RCTC Campus	NEW	Certificate	22	Either		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
51.081002 Emergency Medical Services	Vermilion Community College	5053 Ely Campus	ACTIVE	Certificate	9	Land		
51.081003 Wilderness Emergency Medical Services	Vermilion Community College	5053 Ely Campus	ACTIVE	Certificate	16	Land		
Pathway: Law Enforcement Services								
03.0208 NATURAL RESOURCES LAW ENFORCEMENT AND PROTECTIVE SERVICES. A program that prepares individuals to enforce natural resource and environmental protection regulations and laws; and to perform emergency duties to protect human life, property and natural resources, including fire prevention and control measures, and emergency and rescue procedures. Includes instruction in natural and physical sciences, natural resource management, outdoor field skills, firearms and outdoor equipment and vehicle operation, evidence collection and environmental sampling and monitoring, natural resource legislation, environmental compliance techniques, patrol procedures, investigation and report writing, interpersonal skills and crisis intervention, community liaison, public safety, public education, and public relations. Note: this program was re-instated after being deleted from CIP 2000; previously, it was coded as 03.0203. Examples: [Conservation Enforcement]								Y
03.020800 Natural Resource Law Enforcement	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	72	Land		
03.020803 Natural Resources Conservation	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	Certificate	16	Land		
03.020803 Seasonal Park Law Enforcement Ranger	Vermilion Community College	5053 Ely Campus	ACTIVE	Certificate	19	Land		
03.020802 Wildland/Wildlife Law Enforcement	Vermilion Community College	5053 Ely Campus	ACTIVE	AAS	72	Land		
43.0103 CRIMINAL JUSTICE/LAW ENFORCEMENT ADMINISTRATION. A program that prepares individuals to apply theories and practices of organization management and criminal justice to the administration of public law enforcement agencies and operations. Includes instruction in law enforcement history and theory, operational command leadership, administration of public police organizations, labor relations, incident response strategies, legal and regulatory responsibilities, budgeting, public relations, and organizational leadership.							F	N
43.010300 Correctional Leadership	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	15	Land		
43.010300 Justice Administration	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BS	120	Land		
43.010301 Law Enforcement Administration	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BAS	120	Land		
43.010301 Public Safety Executive Leadership	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	36	Land		
43.0104 CRIMINAL JUSTICE/SAFETY STUDIES. A program that focuses on the criminal justice system, its organizational components and processes, and its legal and public policy contexts. Includes instruction in criminal law and policy, police and correctional systems organization, the administration of justice and the judiciary, and public attitudes regarding criminal justice issues.							F	N
43.010401 Criminal Justice	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BS	120	Either		
43.010401 Criminal Justice	Central Lakes College	5007 Brainerd Campus	ACTIVE	AAS	72	Land		
43.010401 Criminal Justice	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	26	Land		
43.010401 Criminal Justice	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AS	60	Land		
43.010401 Criminal Justice	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	61	Land		
43.010401 Pre CCJLE	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	11	Either		
43.010401 Criminal Justice	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land		
43.010401 Criminal Justice	Metropolitan State University	5615 Hennepin Technical College - Brooklyn Park Campus	NEW	MS	32	Land		
43.010401 Criminal Justice Studies	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	60	Land		
43.010401 Criminal Justice	Minnesota State College-Southeast Technical	5113 Red Wing Campus	NEW	AS	60	Land		

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
43.010401 Criminal Justice	Minnesota State Community and Technical College	5497 Moorhead-MSCTC Campus	ACTIVE	AS	60	Land	
43.010401 Criminal Justice	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land	
43.010401 Criminal Justice	Normandale Community College	5074 Bloomington Campus	ACTIVE	AS	60	Land	
43.010401 Criminal Justice	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Land	
43.010401 Criminal Justice	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	60	Land	
43.010401 Criminal Justice Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
43.010401 Criminal Justice Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	42	Either	
43.0106 FORENSIC SCIENCE AND TECHNOLOGY. A program that focuses on the application of the physical, biomedical, and social sciences to the analysis and evaluation of physical evidence, human testimony and criminal suspects. Includes instruction in forensic medicine, forensic dentistry, anthropology, psychology, entomology, pathology, forensic laboratory technology and autopsy procedures, DNA and blood pattern analysis, crime scene analysis, crime scene photography, fingerprint technology, document analysis, witness and suspect examination procedures, applicable law and regulations, and professional standards and ethics.						B	N
43.010601 Forensic Science	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	25	Land	
43.0107 CRIMINAL JUSTICE/POLICE SCIENCE. A program that prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, weapon and equipment operation and maintenance, report preparation and other routine law enforcement responsibilities.						F	N
43.010703 Law Enforcement	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	72	Land	
43.010703 Law Enforcement	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AS	68	Land	
43.010703 Law Enforcement Skills	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Certificate	15	Land	
43.010707 Law Enforcement: Career Transition	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	35	Either	
43.010700 Law Enforcement Skills	Central Lakes College	5007 Brainerd Campus	NEW	Certificate	12	Land	
43.010703 Law Enforcement	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AS	68	Land	
43.010703 Law Enforcement	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AAS	60	Land	
43.010703 Law Enforcement	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AS	68	Land	
43.010701 Law Enforcement Skills	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	Certificate	17	Land	
43.010701 Law Enforcement	Hennepin Technical College	5035 Brooklyn Park-HTC Campus	ACTIVE	Certificate	21	Land	
43.010703 Law Enforcement	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	72	Land	
43.010703 Law Enforcement	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	Diploma	41	Land	
43.010703 Law Enforcement Skills - Clinical Component	Hibbing Community College, A Technical and Community College	5040 Brainerd Campus	ACTIVE	Certificate	12	Land	
43.010703 Law Enforcement	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	68	Land	
43.010700 Law Enforcement	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BS	120	Land	
43.010712 Non-Licensure			ACTIVE	EMPH	55		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
43.010713 Licensure			ACTIVE	EMPH	61		
43.010714 Peace Officer Completion			ACTIVE	EMPH	48		
43.010702 Law Enforcement	Metropolitan State University	5054 Hennepin Technical College - Brooklyn Park Campus	ACTIVE	Certificate	21	Land	
43.010703 Law Enforcement	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AS	68	Land	
43.010700 Law Enforcement	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
43.010712 Non-MN P.O.S.T. Board Certification Preparation			ACTIVE	EMPH	36		
43.010713 Minnesota P.O.S.T. Board Certification Preparation			ACTIVE	EMPH	56		
43.010700 Law Enforcement	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
43.010712 Non-MN P.O.S.T. Board Certification Preparation			ACTIVE	EMPH	36		
43.010714 Minnesota P.O.S.T. Board Certificate Preparation			ACTIVE	EMPH	56		
43.010701 Law Enforcement	Minnesota State University, Mankato	1020 Virtual - Minnesota State University, Mankato	ACTIVE	Certificate	18	Online	
43.010703 Law Enforcement	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AAS	72	Land	
43.010702 Law Enforcement	Minnesota West Community and Technical College	5072 Worthington Campus	ACTIVE	AS	68	Land	
43.010703 Law Enforcement	Normandale Community College	5074 Bloomington Campus	ACTIVE	AS	68	Land	
43.010703 Law Enforcement	Normandale Community College	5074 Bloomington Campus	ACTIVE	Certificate	29	Land	
43.010703 Law Enforcement	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AS	68	Land	
43.010703 Criminal Justice - Law Enforcement	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	AS	68	Land	
43.010701 Criminal Justice - Law Enforcement	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Certificate	18	Land	
43.010701 Criminal Justice - Law Enforcement	Northland Community and Technical College	5524 Thief River Falls Campus	ACTIVE	Diploma	36	Land	
43.010701 Law Enforcement	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AAS	69	Either	
43.010703 Criminal Justice - Law Enforcement	Riverland Community College, A Technical & Community College	5139 Austin Campus	ACTIVE	AS	68	Land	
43.010701 Law Enforcement	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AAS	60	Land	
43.010701 Law Enforcement	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AS	68	Land	
43.010701 Law Enforcement	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	28	Land	
43.010703 Criminal Justice - Police Science	Vermilion Community College	5053 Ely Campus	ACTIVE	AS	60	Land	
43.0111 CRIMINALISTICS AND CRIMINAL SCIENCE. A program that focuses on the application of clinical and criminal laboratory science, investigative techniques, and criminology to the reconstruction of crimes and the analysis of physical evidence. Includes instruction in laboratory science, laboratory procedures, criminology and police science, evidentiary testing and analysis, computer applications, record-keeping, reconstruction techniques, evidence handling and storage, and applications to specific types of evidence and crimes.						F	Y
43.011101 Criminalistics	Central Lakes College	5007 Brainerd Campus	ACTIVE	AS	60	Land	
43.011103 Investigative Sciences for Criminal Justice	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	64	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
43.011102 Investigative Sciences for Law Enforcement	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AAS	72	Land		
43.0114 LAW ENFORCEMENT INVESTIGATION AND INTERVIEWING. A program focusing on the principles, procedures, techniques, legal concerns, and problems associated with a criminal investigation. Includes instruction in administrative law and procedures, courtroom evidence management and preparation, case presentation and court testimony, description and identification, state and federal criminal law and procedures, informant and suspect rights, officer liability, informant and witness management, victim awareness, tactical interviewing, psychology, criminal investigation methods and procedures, report writing and documentation, investigative techniques, and case management.							Y	
43.011402 Investigations	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	12	Land		
43.0118 LAW ENFORCEMENT INTELLIGENCE ANALYSIS. A program focusing on the preparation of law enforcement personnel to perform intelligence and surveillance operations and to analyze and use data collected via such operations. Includes instruction in the intelligence cycle, information sources, data retrieval, digital investigation, financial investigations, document analysis, external sources, geographic information systems, link analysis, operation planning and security, case management, applicable law and regulations, and case preparation. Examples: [Electronic Surveillance]							Y	
43.011800 Intelligence and Crime Analysis	Century College, A Community and Technical College	5024 White Bear Lake Campus	NEW	Certificate	10	Either		
Pathway: Legal Services								
22.0000 LEGAL STUDIES, GENERAL. A general program that focuses on law and legal issues from the perspective of the social sciences and humanities.							B	N
22.000000 Business Law	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	21	Land		
22.000001 Law and Society	Winona State University	5169 Winona-WSU Campus	ACTIVE	BA	120	Land		
22.0301 LEGAL ADMINISTRATIVE ASSISTANT/SECRETARY. A program that prepares individuals to serve as legal office managers, special assistants, and legal secretaries. Includes instruction in office management, secretarial science, principles of U.S. or Canadian law, legal terminology and documentation, legal research, legal software applications, law office procedures, record-keeping, billing, applicable policies and regulations, and professional standards and ethics.							M	Y
22.030101 Legal Administrative Assistant	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	AAS	68	Either		
22.030101 Legal Secretary	Alexandria Technical and Community College	5001 Alexandria Campus	ACTIVE	Diploma	45	Either		
22.030101 Legal Administrative Assistant	Anoka Technical College	5003 Anoka Campus	ACTIVE	AAS	71	Land		
22.030103 Legal Administrative Assistant	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	54	Land		
22.030104 Legal Transcriptionist	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	36	Land		
22.030105 Litigation Specialist	Anoka Technical College	5003 Anoka Campus	ACTIVE	Diploma	42	Land		
22.030101 Legal Administrative Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	AAS	60	Land		
22.030101 Legal Administrative Assistant	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Diploma	39	Land		
22.030101 Legal Receptionist	Dakota County Technical College	5029 Rosemount Campus	ACTIVE	Certificate	25	Land		
22.030101 Legal Administrative Assistant	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AAS	60	Land		
22.030101 Legal Administrative Assistant	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AS	60	Land		
22.030101 Legal Administrative Assistant	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	28	Land		
22.030101 Administrative Support-Legal Secretary	Lake Superior College	5047 Duluth Campus	ACTIVE	Diploma	36	Land		
22.030101 Legal Secretary	Lake Superior College	5047 Duluth Campus	ACTIVE	Certificate	18	Land		
22.030101 Legal Office Specialist	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	27	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
22.030101 Legal Administrative Assistant	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	AAS	67	Either		
22.030101 Legal Assistant	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Certificate	25	Either		
22.030101 Legal Office Assistant	Minnesota State College-Southeast Technical	5114	Winona-MSC-ST Campus	ACTIVE	Diploma	38	Either		
22.030101 Legal Administrative Assistant	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	AAS	70	Land		
22.030101 Legal Administrative Assistant	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Certificate	18	Land		
22.030101 Legal Administrative Assistant	Ridgewater College, A Community and Technical College	5115	Hutchinson Campus	ACTIVE	Diploma	48	Land		
22.030101 Legal Administrative Assistant	South Central College	1031	Virtual - South Central College	ACTIVE	AAS	67	Online		
22.030101 Legal Administrative Assistant	South Central College	1031	Virtual - South Central College	ACTIVE	Diploma	57	Online		
22.030101 Legal Administrative Assistant	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	AAS	65	Land		
22.030101 Office Technology Assistant - Legal	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	ACTIVE	Diploma	32	Land		
22.0302 LEGAL ASSISTANT/PARALEGAL. A program that prepares individuals to perform research, drafting, investigatory, record-keeping and related administrative functions under the supervision of an attorney or court. Includes instruction in legal research, drafting legal documents, appraising, pleading, courthouse procedures, and legal specializations.								M	N
22.030201 Paralegal	Alexandria Technical and Community College	5001	Alexandria Campus	ACTIVE	AAS	72	Either		
22.030201 Paralegal	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	AS	60	Land		
22.030201 Paralegal	Inver Hills Community College	5041	Inver Grove Heights Campus	ACTIVE	Certificate	30	Land		
22.030201 Paralegal Studies	Lake Superior College	5047	Duluth Campus	ACTIVE	AAS	60	Either		
22.030201 Paralegal Studies	Lake Superior College	5047	Duluth Campus	ACTIVE	AS	60	Either		
22.030201 Paralegal Studies	Lake Superior College	5047	Duluth Campus	ACTIVE	Certificate	30	Either		
22.030201 Paralegal	Minnesota State Community and Technical College	5493	Detroit Lakes Campus	ACTIVE	AAS	66	Either		
22.030200 Paralegal	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BS	120	Land		
22.029915 Elder Law and Probate				ACTIVE	EMPH	52			
22.029916 Litigation				ACTIVE	EMPH	52			
22.029917 Commerical Law				ACTIVE	EMPH	52			
22.030201 Paralegal	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	AS	60	Land		
22.030201 Paralegal	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	ACTIVE	Certificate	30	Land		
22.030201 Paralegal	St. Cloud Technical and Community College	5163	St. Cloud-TCC Campus	NEW	AS	60	Land		
22.030200 Paralegal	Winona State University	5169	Winona-WSU Campus	ACTIVE	BS	120	Land		
22.0303 COURT REPORTING/COURT REPORTER. A program that prepares individuals to record and transcribe examinations, testimony, judicial orders and instructions, legal opinions, and other formal proceedings via print or electronic methods. Includes instruction in legal terminology, legal transcription, shorthand, verbatim recording, equipment operation and procedures, applicable regulations, and professional standards and ethics.								M	Y
22.030303 Broadcast Captioning/CART	Anoka Technical College	5003	Anoka Campus	ACTIVE	Certificate	16	Land		
22.030302 Judicial Reporting	Anoka Technical College	5003	Anoka Campus	ACTIVE	AAS	70	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
22.030302 Scoping/Proofreading	Anoka Technical College	5003	Anoka Campus	ACTIVE	Certificate	28	Land		
Pathway: Security and Protective Services									
43.0112 SECURITIES SERVICES ADMINISTRATION/MANAGEMENT. A program that prepares individuals to plan, manage, and supervise services providing private security protection for people and property and related investigative and consulting functions. Includes instruction in security and loss prevention services, private security and investigation techniques, security technologies, personnel management, business operations, marketing, applicable law and regulations, and client relations. Examples: [Business and Organizational Security Management]								F	Y
43.011202 Private Security	Century College, A Community and Technical College	5024	White Bear Lake Campus	ACTIVE	Certificate	12	Land		
43.011200 Protective Agent	Rochester Community and Technical College	5186	Rochester - RCTC Campus	ACTIVE	Certificate	16	Land		

FIELD: HUMANITIES

Cluster: NOT PERKINS: Humanities

Pathway: English Language and Literature

23.1301 WRITING, GENERAL. A program that focuses on writing for applied and liberal arts purposes. Includes instruction in writing and document design in multiple genres, modes, and media; writing technologies; research, evaluation, and use of information; editing and publishing; theories and processes of composing; rhetorical theories, traditions, and analysis; communication across audiences, contexts, and cultures; and practical applications for professional, technical, organizational, academic, and public settings. Examples: [English Composition], [Writing]

23.130100 Teaching Writing	Minnesota State University, Mankato	5050	Mankato Campus	NEW	GC	16	Land	N
23.1302 CREATIVE WRITING. A program that focuses on the process and techniques of original composition in various literary forms such as the short story, poetry, the novel, and others. Includes instruction in technical and editorial skills, criticism, and the marketing of finished manuscripts.								N
23.130200 Creative and Professional Writing	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BFA	120	Land	
23.130200 Creative Writing	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land	
23.130200 Creative Writing	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	MFA	42	Land	
23.130200 Creative Writing	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BA	120	Land	
23.130200 Creative Writing	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MFA	48	Land	
23.130200 English: Creative Writing	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BFA	120	Land	
23.130200 Creative Writing	Normandale Community College	5074	Bloomington Campus	ACTIVE	AFA	60	Land	
23.130200 Creative Writing	Normandale Community College	5074	Bloomington Campus	ACTIVE	Certificate	29	Land	
23.130200 Creative Writing	North Hennepin Community College	5076	Brooklyn Park-NHCC Campus	NEW	AFA	60	Land	
23.130200 Literature Creative Writing	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BA	120	Land	
23.1401 GENERAL LITERATURE. A program that focuses on literature from one or more genres, cultures or traditions. Includes instruction in period and genre studies, author studies, literary criticism, and studies of various types of literary text. Examples: [Literary Studies]								N
23.140100 English Literature	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BA	120	Land	
23.140101 Literature	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BA	120	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
23.1405 CHILDREN'S AND ADOLESCENT LITERATURE. A program that focuses on the scholarly study of children's and adolescent literature and that may enhance the professional work of teachers, librarians, publishers, booksellers, and creative writers. Includes instruction in period and genre studies, author studies, literary criticism, studies of various types of literary text, book artists, and children's films. Examples: [Literature for Children and Young Adults]							N
23.140500 Children's and Young Adult Literature	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	GC	12	Land	
Pathway: Humanities							
24.0103 HUMANITIES/HUMANISTIC STUDIES. A program that focuses on combined studies and research in the humanities subjects as distinguished from the social and physical sciences, emphasizing languages, literatures, art, music, philosophy and religion.							B
24.010301 Humanities	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land	N
24.010302 Humanities: Fine Arts	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	21	Land	
24.010303 Humanities: Western Culture	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	24	Land	
24.010301 Humanities	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
Pathway: Languages and Literature Studies							
16.0501 GERMAN LANGUAGE AND LITERATURE. A program that focuses on the German language and related dialects. Includes instruction in philology; dialects; and applications to business, science/technology, and other settings.							N
16.050101 German	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
16.050101 German	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
16.050101 German	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
16.050101 German	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land	
16.0901 FRENCH LANGUAGE AND LITERATURE. A program that focuses on the French language and related dialects and creoles. Includes instruction in philology; Metropolitan French; Canadian French; African and Caribbean Creoles; dialects; and applications in business, science/technology, and other settings.							N
16.090101 French	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
16.090101 French	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
16.090101 French	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
16.090101 French	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
16.090101 French	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land	
16.0905 SPANISH LANGUAGE AND LITERATURE. A program that focuses on the Spanish language and related dialects. Includes instruction in philology; Modern Castilian; Latin American and regional Spanish dialects; and applications in business, science/technology, and other settings.							N
16.090501 Spanish	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land	
16.090501 Spanish	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land	
16.090501 Spanish	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
16.090502 Spanish	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
16.090501 Spanish	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
16.090503 Spanish for the Professions	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
16.090501 Spanish	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
16.090501 Spanish	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
16.090501 Spanish	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BES	120	Land		
16.090501 Spanish	Winona State University	5169	Winona-WSU Campus	ACTIVE	BA	120	Land		
16.1001 AMERICAN INDIAN/NATIVE AMERICAN LANGUAGES, LITERATURES, AND LINGUISTICS. A program that focuses on one or more of the languages native to the Western Hemisphere, with an emphasis on American Indian languages, but including other Native American languages. Includes instruction in philology; oral and written literatures; Inuit and Aleut languages; Hawaiian; North American language families, including, but not limited to, Algonkian, Athabaskan, Siouan, Muskogean, Iroquoian, Yuman, Mayan, Zapotecan, and Uto-Aztecan; South American language families, including, but not limited to, Andean-Equatorial, Ge-Pano-Carib, and Macro-Chibchan; and other minor languages.								N	N
16.100101 Ojibwe	Bemidji State University	5006	Bemidji-BSU Campus	NEW	Minor	12	Land		
16.100101 Teaching Ojibwe Language	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	Certificate	12	Land		
16.100101 Ojibwe Studies	Central Lakes College	5007	Brainerd Campus	ACTIVE	Certificate	20	Land		
16.100101 Anishinaabe	Fond du Lac Tribal and Community College	5032	Cloquet Campus	ACTIVE	Certificate	13	Land		
Pathway: Religious Studies									
38.0201 RELIGION/RELIGIOUS STUDIES. A program that focuses on the nature of religious belief and specific religious and quasi-religious systems. Includes instruction in phenomenology; the sociology, psychology, philosophy, anthropology, literature and art of religion; mythology; scriptural and textual studies; religious history and politics; and specific studies of particular faith communities and their behavior.								B	N
38.020101 Religious Studies	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	Minor	20	Land		
38.020101 Religious Studies	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	Minor	21	Land		
38.020101 Religious Studies	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	Minor	21	Land		

FIELD: INTERDISCIPLINARY STUDIES

Cluster: NOT PERKINS: Interdisciplinary Studies

Pathway: Liberal Arts, Sciences and General Studies

24.0101 LIBERAL ARTS AND SCIENCES/LIBERAL STUDIES. A program that is a structured combination of the arts, biological and physical sciences, social sciences, and humanities, emphasizing breadth of study. Includes instruction in independently designed, individualized, or regular programs.								B	N
24.010101 Liberal Arts and Sciences	Alexandria Technical and Community College	5001	Alexandria Campus	NEW	AA	60	Either		
24.010100 Liberal Arts and Sciences	Anoka-Ramsey Community College	5004	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	AA	60	Either		
13.010100	Education			ACTIVE	EMPH	17			
23.050101	Creative Writing			ACTIVE	EMPH	17			
23.080100	English Literature			ACTIVE	EMPH	17			
42.010100	Psychology			ACTIVE	EMPH	17			
50.070100	Art			ACTIVE	EMPH	17			
50.070103	Art			ACTIVE	EMPH	17			
24.010101 Liberal Education	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	AA	60	Land		
24.010100 Liberal Studies	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BA	120	Land		
24.010101 Liberal Arts/General Education	Central Lakes College	5007	Brainerd Campus	ACTIVE	AA	60	Either		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
24.010101 Liberal Arts and Sciences	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	AA	60	Either
24.010112 Liberal Arts and Sciences	Fond du Lac Tribal and Community College	5032 Bois Forte Reservation, Nett Lake	ACTIVE	AA	60	Land
05.020200 American Indian Studies			ACTIVE	EMPH	25	
24.010101 Liberal Arts and Sciences	Fond du Lac Tribal and Community College	5032 Cloquet Campus	ACTIVE	AS	60	Land
24.010101 Liberal Arts and Sciences	Hibbing Community College, A Technical and Community College	5040 Hibbing Campus	ACTIVE	AA	60	Either
24.010100 Liberal Arts and Sciences	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	AA	60	Either
05.020700 Gender and Women's Studies			ACTIVE	EMPH	9	
25.010100 Anthropology			ACTIVE	EMPH	12	
26.010100 Biology			ACTIVE	EMPH	40	
27.010100 Mathematics			ACTIVE	EMPH	18	
40.050100 Chemistry			ACTIVE	EMPH	40	
42.010100 Psychology			ACTIVE	EMPH	17	
45.100100 Political Science			ACTIVE	EMPH	12	
54.010100 History			ACTIVE	EMPH	16	
24.010101 Liberal Arts and Sciences	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	Lake Superior College	5047 Duluth Campus	ACTIVE	AA	60	Either
24.010101 Liberal Arts and Sciences	Mesabi Range Community and Technical College	5537 Virginia Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land
24.010101 Liberal Studies	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	MA	32	Land
24.010100 Liberal Arts	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	AA	60	Either
05.010100 African Diaspora Studies			ACTIVE	EMPH	22	
38.010100 Philosophy			ACTIVE	EMPH	18	
24.010101 Liberal Arts and Sciences	Minnesota State Community and Technical College	5490 Detroit Lakes Campus	ACTIVE	AA	60	Either
45.010100 Social Science			ACTIVE	EMPH	21	
24.010101 Liberal Arts	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	Minnesota State University, Mankato	5050 Faribault Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	Minnesota West Community and Technical College	5058 Canby Campus	ACTIVE	AA	60	Either
24.010100 Liberal Education	Normandale Community College	5074 Bloomington Campus	ACTIVE	AA	60	Either
05.020700 Women's Studies			ACTIVE	EMPH	17	
09.010000 Communication			ACTIVE	EMPH	12	
38.010100 Philosophy			ACTIVE	EMPH	9	
45.020100 Anthropology			ACTIVE	EMPH	14	

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode
45.110100 Sociology			ACTIVE	EMPH	12	
24.010100 Liberal Arts and Sciences	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	AA	60	Either
50.060100 Film			ACTIVE	EMPH	21	
54.010100 History			ACTIVE	EMPH	21	
24.010101 Liberal Arts and Sciences	Northland Community and Technical College	5495 East Grand Forks Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	Rainy River Community College	5111 International Falls Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	Ridgewater College, A Community and Technical College	5115 Hutchinson Campus	ACTIVE	AA	60	Either
24.010100 Liberal Arts and Sciences	Riverland Community College, A Technical & Community College	5137 Albert Lea Campus	ACTIVE	AA	60	Land
50.050100 Theater			ACTIVE	EMPH	20	
50.090100 Music			ACTIVE	EMPH	20	
24.010101 Liberal Arts and Sciences	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	Saint Paul College - A Community and Technical College	5165 St. Paul College Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	South Central College	5183 Faribault Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	St. Cloud State University	5164 St. Cloud - MCF	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	St. Cloud Technical and Community College	5163 St. Cloud-TCC Campus	NEW	AA	60	Land
24.010101 Liberal Arts and Sciences	Vermilion Community College	5053 Ely Campus	ACTIVE	AA	60	Land
24.010101 Liberal Arts and Sciences	Winona State University	5169 Winona-WSU Campus	ACTIVE	AA	60	Land

FIELD: NO CAREER FIELD DEFINED

Cluster: NOT PERKINS: Not Assigned to a Career Cluster

Pathway: No Pathway Defined

32.0107 CAREER EXPLORATION/AWARENESS SKILLS. A program that focuses on the linkage between individual capabilities and needs and the job market. Includes instruction in the variety and scope of available employment, how to access job information, and techniques of self-analysis. B Y

32.010701 Occupational Skills	Central Lakes College	5007 Brainerd Campus	ACTIVE	Diploma	34	Land
32.010701 Applied Occupational Skills	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Certificate	16	Land
32.010701 Occupational Skills	Ridgewater College, A Community and Technical College	5117 Willmar Campus	ACTIVE	Diploma	30	Land
32.010701 Occupational Skills	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Certificate	19	Land
32.010701 Occupational Skills	Rochester Community and Technical College	5186 Rochester - RCTC Campus	ACTIVE	Diploma	30	Land

32.0109 SECOND LANGUAGE LEARNING. A program that focuses on the development of proficiency in reading, writing, and speaking a language or languages, other than the mother tongue, that are needed to perform day-to-day tasks. Includes instruction in the use of basic communication skills to develop and transmit ideas and thoughts. Examples: [English as a Second Language] B N

32.010901 Academic English Language Proficiency	North Hennepin Community College	5076 Brooklyn Park-NHCC Campus	ACTIVE	Certificate	18	Land
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Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
FIELD: SOCIAL SCIENCE & PSYCHOLOGY								
Cluster: NOT PERKINS: Social Science & Psychology								
Pathway: Anthropology and Sociology								
45.0201 ANTHROPOLOGY. A program that focuses on the systematic study of human beings, their antecedents and related primates, and their cultural behavior and institutions, in comparative perspective. Includes instruction in biological/physical anthropology, primatology, human paleontology and prehistoric archeology, hominid evolution, anthropological linguistics, ethnography, ethnology, ethnohistory, socio-cultural anthropology, psychological anthropology, research methods, and applications to areas such as medicine, forensic pathology, museum studies, and international affairs.						B	N	
45.020100 Anthropology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land		
45.020412 Cultural Anthropology			ACTIVE	EMPH	40			
45.030111 Archaeology			ACTIVE	EMPH	40			
45.020101 Anthropology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
45.020101 Anthropology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
45.020101 Anthropology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	30	Land		
45.020101 Anthropology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
45.1101 SOCIOLOGY. A program that focuses on the systematic study of human social institutions and social relationships. Includes instruction in social theory, sociological research methods, social organization and structure, social stratification and hierarchies, dynamics of social change, family structures, social deviance and control, and applications to the study of specific social groups, social institutions, and social problems.						M	N	
45.110101 Sociology	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land		
45.110101 Sociology	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land		
45.110100 Sociology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
45.110101 General			ACTIVE	EMPH	39			
45.110102 Applied			ACTIVE	EMPH	39			
45.110100 Sociology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
45.110102 General			ACTIVE	EMPH	39			
45.110114 Applied			ACTIVE	EMPH	39			
45.110100 Sociology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MA	34	Land		
45.110101 College Teaching			ACTIVE	EMPH	33			
45.110101 Sociology: Globalization Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
45.110101 Sociology: Globalization Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
45.110101 Sociology	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land		
45.110102 Sociology	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
45.110117 Applied Sociology			ACTIVE	EMPH	35			
45.110103 Sociology - Interdepartmental	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
45.110100 Sociology	Winona State University	5169 University Center Rochester - WSU Campus	ACTIVE	BA	120	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
(F)emale nontraditional Eligible
(M)ale nontraditional (Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
30.11.011 Gerontology Studies			ACTIVE	EMPH	27			
30.11.012 Family Studies			ACTIVE	EMPH	27			
44.000011 Human Services			ACTIVE	EMPH	27			
45.1301 SOCIOLOGY AND ANTHROPOLOGY. A program that combines sociology and anthropology to study how society is organized, the origins and development of social institutions, social change, social organizations, race, class, gender and culture.							N	
45.130104 Social Responsibility	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	MS	32	Land		
Pathway: Cultural Studies								
05.0101 AFRICAN STUDIES. A program that focuses on the history, society, politics, culture, and economics of one or more of the peoples of the African Continent, usually with an emphasis on Africa south of the Sahara, and including the African diasporas overseas.							N	N
05.010101 African Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	27	Land		
05.0104 EAST ASIAN STUDIES. A program that focuses on the history, society, politics, culture, and economics of one or more of the peoples of East Asia, defined as including China, Korea, Japan, Mongolia, Taiwan, Tibet, related borderlands and island groups, and including the study of the East Asian diasporas overseas.							N	N
05.010400 East Asian Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land		
05.020011 Language and Culture			ACTIVE	EMPH	40			
24.010313 Humanities			ACTIVE	EMPH	40			
52.010113 Business			ACTIVE	EMPH	40			
05.010401 East Asian Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	24	Land		
05.0107 LATIN AMERICAN STUDIES. A program that focuses on the history, society, politics, culture, and economics of one or more of the Hispanic peoples of the North and South American Continents outside Canada and the United States, including the study of the Pre-Columbian period and the flow of immigrants from other societies.							N	N
05.010701 Latin American Studies	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	18	Land		
05.010701 Latin American Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Minor	16	Land		
05.010701 Latin American Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
05.0111 SCANDINAVIAN STUDIES. A program that focuses on the history, society, politics, culture, and economics of one or more of the peoples of Scandinavia, defined as Northern Europe including Denmark, Finland, Iceland, Norway, Sweden, related island groups (including Greenland), and borderlands.							N	N
05.011101 Scandinavian Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land		
05.0123 CHINESE STUDIES. A program that focuses on the history, society, politics, culture, and economics of one or more of the peoples of present-day China and its historical predecessors, related borderlands and island groups, and the overseas Chinese diaspora.							N	N
05.012300 China Studies	Inver Hills Community College	5041 Inver Grove Heights Campus	ACTIVE	Certificate	15	Land		
05.0211 DEAF STUDIES. A program that focuses on the sociological, historical and linguistic aspects of the deaf and hearing impaired, and that prepares individuals to work with the deaf and hearing impaired. Includes instruction in American Sign Language, deaf studies, American deaf culture, structure of American Sign Language, history of the American deaf community, and civil rights of deaf people. Examples: [Deaf Studies], [American Sign Language (ASL) and Deaf Studies]							N	
05.021100 Deaf Studies	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	18	Land		
Pathway: Ethnic Studies								
05.0200 ETHNIC STUDIES. A program that focuses on the interdisciplinary and comparative study of the history, sociology, politics, culture, and economics of North American racial and ethnic groups, including African Americans, American Indians/Native Americans, Hispanic Americans, and Asian Americans. Examples: [Comparative Ethnic Studies], [Race and Ethnicity]							N	
05.020000 Ethnic Studies	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land		
05.020000 American Multicultural Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced
(F)emale nontraditional
(M)ale nontraditional
Perkins
Eligible
(Y/N)

CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode		
05.020000 Multicultural Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	18	Land		
05.020000 Ethnic and Multi-Cultural Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	33	Land		
05.020000 Ethnic Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land		
05.020005 Optional or Other Extended Program Courses			ACTIVE	EMPH	15			
44.000005 International Community and Human Services			ACTIVE	EMPH	15			
44.000006 Local Community and Human Services			ACTIVE	EMPH	15			
45.100101 Public/Government			ACTIVE	EMPH	15			
52.010105 Business/Corporate			ACTIVE	EMPH	15			
05.020000 Graduate Diversity Certificate: Training in Cultural Diversity	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	18	Land		
05.020000 Ethnic Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	18	Land		
05.0201 AFRICAN-AMERICAN/BLACK STUDIES. A program that focuses on the history, sociology, politics, culture, and economics of the North American peoples descended from the African diaspora; focusing on the United States, Canada, and the Caribbean, but also including reference to Latin American elements of the diaspora.							N	N
05.020102 Multicultural Studies: African American Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	18	Land		
05.020101 African American Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	18	Land		
05.0202 AMERICAN INDIAN/NATIVE AMERICAN STUDIES. A program that focuses on the history, sociology, politics, culture, and economics of one or more of the American Indian, Aleut, Inuit, Hawaiian and other native peoples of the Americas from earliest times until the present, with particular emphasis on U.S. and Canadian populations and their problems but including reference to Caribbean and Latin American native peoples.							N	N
05.020201 Indian Studies	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	BA	120	Land		
05.020203 American Indian Studies	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	12	Land		
05.020201 American Indian Studies	Itasca Community College	5046 Grand Rapids Campus	ACTIVE	Certificate	30	Land		
05.020201 American Indian Studies	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	12	Land		
05.020202 Multicultural Studies: American Indian Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	18	Land		
05.020201 American Indian Studies	Minnesota State University, Mankato	5050 Mankato Campus	NEW	BS	120	Land		
05.020201 American Indian Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	Certificate	15	Land		
05.020201 Indigenous Studies	Rainy River Community College	5111 International Falls Campus	ACTIVE	Certificate	23	Land		
05.020201 American Indian Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	18	Land		
05.0203 HISPANIC-AMERICAN, PUERTO RICAN, AND MEXICAN-AMERICAN/CHICANO STUDIES. A program that focuses on the history, sociology, politics, culture, and economics of one or more of the Hispanic American immigrant populations within the U.S. and Canada, including Mexican-American Studies, Cuban American Studies, Puerto Rican Studies, and others.							N	N
05.020301 Multicultural Studies: Chicano/Latino Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	18	Land		
05.020301 Chicano/a Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	18	Land		
05.0206 ASIAN-AMERICAN STUDIES. A program that focuses on the history, sociology, politics, culture, and economics of Asian population groups who have immigrated to the United States and Canada, or sought refugee asylum, from the colonial period to the present, and including Chinese-Americans, Japanese-Americans, Korean-Americans, Vietnamese-Americans, Cambodian-Americans, and others.							N	N
05.020600 Multicultural Studies: Asian American Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	NEW	Minor	18	Land		
05.020601 Asian Pacific American Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	Minor	18	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

Gender: (B)alanced Perkins
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CIP Approved Name; Emphasis CIP and Name	College	Location ID Name	Status	Award	Credits	Delivery Mode	
05.0207 WOMEN'S STUDIES. A program that focuses on the history, sociology, politics, culture, and economics of women, and the development of modern feminism in relation to the roles played by women in different periods and locations in North America and the world. Programs may focus on literature, philosophy, and the arts as much as on social studies and policy. Examples: [Women's and Gender Studies]						N	N
05.020701 Women's Studies	Bemidji State University	5006 Bemidji-BSU Campus	ACTIVE	Minor	22	Land	
05.020701 Women's Studies	Central Lakes College	5007 Brainerd Campus	ACTIVE	Certificate	12	Land	
05.020701 Women and Gender Studies	Century College, A Community and Technical College	5024 White Bear Lake Campus	ACTIVE	Certificate	16	Land	
05.020702 Gender Studies	Metropolitan State University	5054 Metropolitan State University, Minneapolis Campus	ACTIVE	BA	120	Land	
05.020701 Women's Studies	Minneapolis Community and Technical College	5057 Minneapolis Campus	ACTIVE	Certificate	18	Land	
05.020701 Women and Science	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Certificate	13	Land	
05.020701 Women's and Gender Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land	
05.020701 Women's Studies	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	Minor	18	Land	
05.020701 Gender and Women's Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
05.020701 Gender and Women's Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
05.020701 Gender and Women's Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	GC	12	Land	
05.020701 Gender and Women's Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MA	30	Land	
05.020701 Gender and Women's Studies	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MS	34	Land	
05.020701 Women's Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
05.020701 Women's Studies	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BES	120	Land	
Pathway: General Social Sciences							
31.0508 SPORTS STUDIES. A program that focuses on the psychological, sociological, and historical aspects of sport and physical activity. Includes instruction in theory of sport, sport psychology, sport in American society, gender and race/ethnicity and sport, and sports history. Examples: [Sport and Exercise Psychology], [Psychosocial Aspects of Sport]						B	N
31.050802 Sport and Exercise Psychology	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	MA	34	Land	
38.0101 PHILOSOPHY. A program that focuses on ideas and their logical structure, including arguments and investigations about abstract and real phenomena. Includes instruction in logic, ethics, aesthetics, epistemology, metaphysics, symbolism, and history of philosophy, and applications to the theoretical foundations and methods of other disciplines.						B	N
38.010101 Philosophy	Bemidji State University	5006 Bemidji-BSU Campus	NEW	Minor	18	Land	
38.010101 Philosophy	Metropolitan State University	5054 Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land	
38.010101 Philosophy	Minnesota State University Moorhead	5073 Moorhead-MSU Campus	ACTIVE	BA	120	Land	
38.010101 Philosophy	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BA	120	Land	
38.010101 Philosophy	Minnesota State University, Mankato	5050 Mankato Campus	ACTIVE	BS	120	Land	
38.010101 Philosophy	Southwest Minnesota State University	5161 Marshall Campus	ACTIVE	BA	120	Land	
38.010100 Philosophy	St. Cloud State University	5164 St. Cloud-SCSU Campus	ACTIVE	BA	120	Land	
38.010101 Interdisciplinary			ACTIVE	EMPH	15		

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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode		
38.010101 Philosophy	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BES	120	Land		
Pathway: History									
54.0101 HISTORY, GENERAL. A program that focuses on the general study and interpretation of the past, including the gathering, recording, synthesizing and criticizing of evidence and theories about past events. Includes instruction in historiography; historical research methods; studies of specific periods, issues and cultures; and applications to areas such as historic preservation, public policy, and records administration.								B	N
54.010101 History	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BA	120	Land		
54.010101 History	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Land		
54.010101 History	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land		
54.010101 History	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BA	120	Land		
54.010101 History	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BA	120	Land		
54.010101 History	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land		
54.010101 History	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MA	34	Land		
54.010101 History	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MS	34	Land		
54.010101 History	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BA	120	Land		
54.010101 History	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		
54.010100 History	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MA	33	Land		
54.010500 Public History				ACTIVE	EMPH	33			
54.010101 History	Winona State University	5169	Winona-WSU Campus	ACTIVE	BA	120	Land		
Pathway: Psychology									
42.0101 PSYCHOLOGY, GENERAL. A general program that focuses on the scientific study of individual and collective behavior, the physical and environmental bases of behavior, and the analysis and treatment of behavior problems and disorders. Includes instruction in the principles of the various subfields of psychology, research methods, and psychological assessment and testing methods.								B	N
42.010101 Psychology	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BA	120	Land		
42.010102 Psychology	Bemidji State University	5006	Bemidji-BSU Campus	ACTIVE	BS	120	Land		
42.010101 Psychology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BA	120	Land		
42.010101 Psychology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	MA	36	Land		
42.010101 Psychology	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	BA	120	Land		
42.010101 Psychology	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BA	120	Land		
42.010101 Psychology	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	BS	120	Land		
42.010101 Psychology	Southwest Minnesota State University	5161	Marshall Campus	ACTIVE	BA	120	Land		
42.010101 Psychology	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	BA	120	Land		

Minnesota State College and University Programs by Career Fields, Clusters and Pathways

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(F)emale nontraditional Eligible
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CIP Approved Name; Emphasis CIP and Name	College	Location ID	Name	Status	Award	Credits	Delivery Mode	
42.010101 Psychology	Winona State University	5169	University Center Rochester - WSU Campus	ACTIVE	BA	120	Land	
42.2703 DEVELOPMENTAL AND CHILD PSYCHOLOGY. A program that focuses on the scientific study of the psychological growth and development of individuals from infancy through adulthood. Includes instruction in cognitive and perceptual development, emotional development, personality development, the effects of biological maturation on behavior, theories of cognitive growth and related research methods, testing and assessment methods for different age levels, research on child and adolescent behavior therapy, and the psychology of aging.								
42.270317 Child Psychology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	NEW	Minor	20	Land	N
42.270300 Early Childhood Studies	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	ACTIVE	BAS	120	Land	
42.2801 CLINICAL PSYCHOLOGY. A program that prepares individuals for the independent professional practice of clinical psychology, involving the analysis, diagnosis, and clinical treatment of psychological disorders and behavioral pathologies. Includes instruction in clinical assessment and diagnosis, personality appraisal, psychopathology, clinical psychopharmacology, behavior modification, therapeutic intervention skills, patient interviewing, personalized and group therapy, child and adolescent therapy, cognitive and behavioral therapy, supervised clinical practice, ethical standards, and applicable regulations.								
42.280100 Clinical Psychology	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MA	47	Land	N
42.2802 COMMUNITY PSYCHOLOGY. A program that prepares individuals to apply psychological principles to the analysis of social problems, and the implementation of intervention strategies for addressing these problems. Includes instruction in social ecology, primary and secondary prevention of social pathologies, social intervention strategies and tactics, large group counseling, social services systems behavior, creating settings, cultural stress, and the dynamics of social change.								
42.280217 Community Psychology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	NEW	Minor	20	Land	
42.280200 Community Psychology	St. Cloud State University	5164	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	BES	120	Land	
42.280200 Community Psychology	St. Cloud State University	5164	Anoka Ramsey CC - Coon Rapids Campus	ACTIVE	BS	120	Land	
42.280200 Counseling Psychology: Community Counseling	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	52	Land	
42.2804 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY. A program that focuses on the scientific study of individual and group behavior in institutional settings, applications to related problems of organization and industry, and that may prepare individuals to apply such principles in industrial and organizational settings. Includes instruction in group behavior theory, organizational theory, reward/punishment structures, human-machine and human-computer interactions, motivation dynamics, human stress studies, environmental and organizational influences on behavior, alienation and satisfaction, and job testing and assessment.								
42.280417 Industrial and Organizational Psychology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	NEW	Minor	20	Land	
42.280400 Industrial/Organizational Psychology	Minnesota State University, Mankato	5050	Mankato Campus	ACTIVE	MA	44	Land	
42.280400 Industrial-Organizational Psychology	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	41	Land	
42.2805 SCHOOL PSYCHOLOGY. A program that prepares individuals to apply clinical and counseling psychology principles to the diagnosis and treatment of student behavioral problems. Includes instruction in child and/or adolescent development; learning theory; testing, observation and other procedures for assessing educational, personality, intelligence and motor skill development; therapeutic intervention strategies for students and families; identification and classification of disabilities and disorders affecting learning; school psychological services planning; supervised counseling practice; ethical standards; and applicable regulations.								
42.280500 School Psychology	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	MS	30	Land	
42.280500 School Psychology	Minnesota State University Moorhead	5073	Moorhead-MSU Campus	ACTIVE	Spec	31	Land	
42.280500 School Psychology	Minnesota State University, Mankato	5050	Mankato Campus	NEW	PsyD	106	Land	
42.2806 EDUCATIONAL PSYCHOLOGY. A program that focuses on the application of psychology to the study of the behavior of individuals in the roles of teacher and learner, the nature and effects of learning environments, and the psychological effects of methods, resources, organization and non-school experience on the educational process. Includes instruction in learning theory, human growth and development, research methods, and psychological evaluation.								

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42.280617 Educational Psychology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	NEW	Minor	20	Land	
42.2813 APPLIED PSYCHOLOGY. A program that focuses on the application of psychological theories and methods to real-world settings and problems, such as business and industry, government, education, military, and community settings. Includes instruction in applications of psychology, industrial/organizational psychology, developmental psychology, social psychology, cognitive psychology, counseling, human factors, research methods and statistics, and program evaluation.								
42.281301 Applied Psychology/Human Services	Itasca Community College	5046	Grand Rapids Campus	ACTIVE	AS	60	Land	
42.281318 Mental Health and Psychology	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	NEW	Minor	20	Land	
42.281317 Psychology for Law Enforcement	Metropolitan State University	5054	Metropolitan State University, St. Paul Campus	NEW	Minor	20	Land	
42.2814 APPLIED BEHAVIOR ANALYSIS. A program that focuses on the application of principles of learning and behavior to enhance the development, abilities, and choices of children and adults; and that prepares individuals to address the behavioral needs of individuals, especially those with developmental disabilities and autism. Includes instruction in behavior analysis and learning, behavioral and functional assessment, developmental psychology, applied behavioral analysis in developmental disabilities and autism, applied behavioral analysis in mental health and aging, research methods, evaluation of interventions, and professional and ethical issues.								
42.281400 Applied Behavior Analysis	St. Cloud State University	5164	St. Cloud-SCSU Campus	ACTIVE	MS	52	Either	
42.280101 Clinical Emphasis				ACTIVE	EMPH	52		
42.281400 Applied Behavior Analysis	St. Cloud State University	5164	St. Cloud-SCSU Campus	NEW	PsyD	90	Land	