

**MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
TRANSFER AGREEMENT
BETWEEN**

**CHIPPEWA VALLEY TECHNICAL COLLEGE
AND
MINNESOTA STATE UNIVERSITY MOORHEAD**

*The Board of Trustees of the Minnesota State Colleges and Universities is authorized by Minnesota Statutes, Chapter 136F to enter into Agreements and has delegated this authority to colleges and universities.

This Agreement is entered into between Chippewa Valley Technical College (hereinafter sending institution), and Minnesota State University Moorhead (hereinafter receiving institution). This Agreement and any amendments and supplements, shall be interpreted pursuant to the laws of the State of Minnesota.

The sending institution has established the following (hereinafter sending program):

Air Conditioning, Heating, & Refrigeration Technology AAS, 15.0501 (68cr)

Automation Engineering Technology AAS, 14.0803 (64cr)

Mechatronics Specialist - AAS, 47.0303 (60cr)

Information Technology – Network Specialist AAS, 11.0901 (62cr)

Information Technology – Software Developer AAS, 11.0201 (62cr)

Manufacturing Engineering Technologist AAS, 10.6233 (62cr)

Mechanical Design Technology AAS, 10.6061 (60cr)

And the receiving institution has established a Operations Management: Technical Management, BS (hereinafter receiving program), and will facilitate credit transfer and provide a smooth transition from one related program to another. It is mutually agreed:

Admission and Graduation Requirements

- A. The receiving institution's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- B. Students must fulfill the graduation requirements at both institutions.
- C. Students must complete the entire sending program and meet the receiving institution's admission requirements for the agreement to apply, including grade requirements for courses and an overall GPA requirement.

Transfer of Credits

- A. The receiving institution will accept 64-70 credits from the sending program. A total of 56-67 credits remain to complete the receiving program.
- B. Courses will transfer as described in the attached Program Transfer Table. For system institutions, once the courses are encoded, they will transfer as described in the "Transferology" audit.

Implementation and Review

- A. The Chief Academic Officers or designees of the parties to this agreement will implement the terms of this agreement, including identifying and incorporating any changes into subsequent agreements, assuring compliance with system policy, procedure and guidelines, and conducting a periodic review of this agreement.
- B. This Transfer Agreement is effective on 05/15/2023 and shall remain in effect until 05/15/2028 or for five years, whichever occurs first, unless terminated or amended by either party with 90 days prior written notice.
- C. The college and university shall work with students to resolve the transfer of courses should changes to either program occur while the agreement is in effect.

August 18, 2023

- D. This Transfer Agreement will be reviewed by both parties beginning 11/15/2027 (within six months of the end date).
- E. When a student notifies the receiving institution of their intent to follow this agreement, the receiving institution will encode course waivers and substitutions.

PROGRAM TRANSFER TABLE		
Check if the sending program ___ or receiving program ___ is new.		
	College (sending)	University (receiving)
Institution	Chippewa Valley Technical College	Minnesota State University Moorhead
Program name	Air Conditioning, Heating, & Refrigeration Technology AAS, 15.0501 (68cr) Automation Engineering Technology AAS, 14.0803 (64cr) Mechatronics Specialist - AAS, 47.0303 (60cr) Information Technology – Network Specialist AAS, 11.0901 (62cr) Information Technology – Software Developer AAS, 11.0201 (62cr) Manufacturing Engineering Technologist AAS, 10.6233 (62cr) Mechanical Design Technology AAS, 10.6061 (60cr)	Operations Management: Technical Management BS, 120 credits, 52.020500
Award Type (e.g., AS)	AAS	BS
Credit Length	Varies, see above	120
CIP code (6-digit)	Varies, see above	52.020500
Describe program admission requirements (if any)		AAS with 30-48 prescribed technical credits
Instructions		
<ul style="list-style-type: none"> • List all required courses in both academic programs. • MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution. • Do not indicate a goal area for general education courses that are not part of the MnTC. • For restricted or unrestricted electives, list number of credits. • Credits applied: the receiving institution course credit amount may be more or less than the sending institution credit amount. Enter the number of credits that the receiving institution will apply toward degree completion. • Show equivalent university-college courses on the same row to ensure accurate DARS encoding. • Equiv/Sub/Wav column: If a course is to be encoded as equivalent, enter Equiv. If a course is to be accepted by the university as a "substitution" only for the purposes of this agreement, enter Sub. If a course requirement is waived by the receiving institution, enter Wav. If a course is to be accepted by the university as a MnTC goal area, restricted elective or unrestricted elective, leave the cell blank. <p style="text-align: center;">(To add rows, place cursor outside of the end of a row and press enter.)</p>		

SECTION A - Minnesota Transfer Curriculum-General Education						
College (sending)			University (receiving)			
course prefix, number and name	Goal(s) ¹	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equip Sub Wav
Minnesota Transfer Curriculum-General Education						
General Education Requirement* Air Conditioning, Heating, & Refrigeration Technology AAS (18cr) Automation Engineering Technology AAS (13cr) Mechatronics Specialist AAS (12cr) Information Technology – Network Specialist AAS (12-15cr) Information Technology – Software Developer AAS (12cr) Manufacturing Engineering Technologist AAS (23cr) Mechanical Design Technology AAS (13cr)	1-10	12-23	MnTC General Education Courses	1-10	12-23	
804-133 Math and Logic, 809-225 Ethics		6	Elective		6	
MnTC/General Education Total		18-29				
<p>Special Notes, if any: *Students should work with their advisor at Chippewa Valley Tech and MSU Moorhead to choose best general education courses to take at Chippewa Valley Tech.</p> <p>Some equivalencies are listed below. MSUM may accept other credits within the AAS. MSUM will transfer the same number of credits Chippewa Valley Tech awards.</p> <p>809-291 Principles of Microeconomics is equivalent to MSUM ECON 202 Principles of Economics I: Micro (Goal 5) (also required for receiving program at MSUM)</p> <p>809-195 Economics is equivalent to MSUM ECON 100 The American Economy (Goal 2)</p> <p>809-198 Intro to Psychology is equivalent to MSUM PSY 113 General Psychology (Goal 5)</p> <p>809-199 Psychology of Human Relations satisfies MSUM Goal 5</p> <p>809-196 Intro to Sociology is equivalent to MSUM SOC 110 Introduction to Sociology (Goal 5)</p> <p>801-196 Oral/Interpersonal Comm is equivalent to MSUM COMM 100 Speech Communication (Goal 1A)</p> <p>809-166 Intro to Ethics Theory & App satisfies MSUM Goal 9</p>						
SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other						
(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). <u>Restricted electives (in Major)</u> fulfill a specific requirement within a major. Example A: "Chose two of the following three courses;" Example B: A Biology degree may require 40 science credits (20 credits of required courses + 20 credits of listed related courses, such as botany, genetics, sociobiology, etc. which students can select).						
Major, Emphasis, Restricted, Unrestricted Electives or Other Courses						
Technical credits as prescribed in program Air Conditioning, Heating, & Refrigeration Technology AAS (47) Automation Engineering Technology AAS (45cr) Mechatronics Specialist AAS (43-45cr) Information Technology – Network Specialist AAS (44cr) Information Technology – Software Developer AAS (47cr) Manufacturing Engineering Technologist AAS (34cr) Mechanical Design Technology AAS (35cr)			Technical credits accepted in transfer as a block Additional credits will be accepted as unrestricted elective credits		30 Up to 18	
804-113 College Technical Math 1A (3cr), 804-115 College Technical Math I (5cr), 804-116 Technical Math (4cr), 106-		1-5	Elective		1-5	


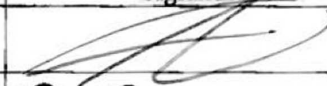
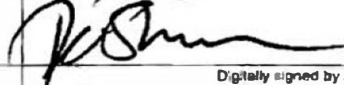
¹ MnTC goal areas transfer to the receiving MnSCU college/university according to the goal areas designated by the sending college/university

114 Customer Communication (1cr), 106-115 Customer Care (1cr), 801-197 Technical Reporting (3cr)			
Major, Emphasis, Unrestricted Electives Total	35-52	Total College Credits Applied (sum of sections A and B)	53-64
Special Notes: No more than 48 technical credits will be applied as elective credit. If the program doesn't have that many technical credits, that lower number of credits will be applied.			

SECTION C - Remaining University (receiving) Requirements	
course prefix, number and name	Credits
Remaining MnTC/LASC Goal Requirements*	11-22
OM 380 Methods Improvement	3
OM 393 Occupational Safety and Health OR CM 365 Construction Safety	3
OM 395 Computer Applications for Technologists	3
OM 469 Internship OR CM 469 Internship	3
ACCT 230 Principles of Accounting I	3
ECON 202 Principles of Economics I: Micro**	3
MATH 127 College Algebra	3
MATH 234 Introduction to Probability and Statistics	3
OM 470 Purchasing & Sourcing Management	3
OM 482 Quality Management	3
OM 483 Cost Analysis	3
OM 485 Production Inventory Management	3
PMGT 300 Project Management and Scheduling	3
PMGT 385 Process Leadership	3
MGMT 260 Principles of Management	3
Total Remaining University Credits²	56-67
Special Notes, if any: *MnTC goal areas must be met and at least 40 MnTC/LASC credits earned. ** Course required unless equivalent is taken at CVTC. 809-291 Principles of Microeconomics (CVTC) is equivalent to ECON 202 Principles of Economics I: Micro.	

SECTION D - Summary of Total Program Credits			
College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	18-29		
Major, Emphasis, Unrestricted Electives or Other	35-52		
Total College Credits	53-64	Total College Credits Applied	53-64
	64	Remaining credit to be taken at the university (receiving institution)	56-67
		Total Program Credits	120
Special Notes, if any:			

² At least 40 of the required credits for the baccalaureate degree shall be at the upper-division level. If a lower division course is shown as equivalent to an upper division course, check with the university to determine if it will count toward the 40 required credits of upper division.

College	Name	Signature	Date
Chief Academic Officer			
<u>Provost & Vice President of Academic & Student Affairs</u>	Dr. Lynette Livingston		8.23.23
Title			
University	Name	Signature	Date
Chief Academic Officer	Arrick Jackson		7/20/24
Academic Dean	Peter Sherman		5-28-24
Department Chair	Joshua Behl	Joshua Behl Digitally signed by Joshua Behl Date: 2024.05.28 10:35:12 -07'00'	5/28/24
DARS Encoder	Samantha Howard		
Date when equivalencies were verified/encoded in DARS by the receiving Minnesota State institution.			