

MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN

RIDGEWATER 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 **RIDGEWATER 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 programs:

Auto Body Collision Technology AAS 47.060300
Automation and Robotics Systems Technology AAS 15.040600
Automotive Service Technology AAS 47.060400
CNC Precision Manufacturing Technician AAS 48.0510
Computer Aided Drafting & Design AAS 15.130200
Computer Programmer AAS 11.020100
Computer Support Technician AAS 15.120200
Electrician AAS 46.0302
Health Information Technician AAS 51.070700
Multimedia Design Technology AAS 09.070200
Network Administration & Security AAS 11.1001
Nondestructive Testing Technology AAS 15.040402
Process Controls Technician AAS 15.040400
Web Developer AAS 11.080100
Welding AAS, 48.050800

and the receiving institution has established an **Operations Management with Emphasis in 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.

Transfer of Credits

- A. The receiving institution will accept **60 - 63 credits** from the sending program. A total of **71 – 72 credits** remain to complete the receiving program.
- B. Courses will transfer as described in the attached Program Articulation Table. For system institutions, once the courses are encoded, they will transfer as described in the Transferology Audit.

Implementation and Review

- A. The Senior 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 Articulation Agreement is effective on **03/15/2021** and shall remain in effect until the end date of **03/15/2026** 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.
- D. This Articulation Agreement will be reviewed by both parties beginning **09/15/2025** (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 ARTICULATION TABLE		
	College (sending)	University (receiving)
Institution	RIDGEWATER COLLEGE	MINNESOTA STATE UNIVERSITY MOORHEAD
Program name	Auto Body Collision Technology AAS, 72 cr, 47.060300 Automation and Robotics Systems Technology AAS, 67 cr, 15.040600 Automotive Service Technology AAS, 72 cr, 47.060400 CNC Precision Manufacturing Technician AAS, 67 cr, 48.0510 Computer Aided Drafting & Design AAS, 67 cr, 15.130200 Computer Programmer AAS, 60 cr, 11.020100 Computer Support Technician AAS, 60 cr, 15.120200 Electrician AAS, 83 cr, 46.0302 Health Information Technician AAS, 64 cr, 51.070700 Multimedia Design Technology AAS, 60 cr, 09.070200 Network Administration & Security AAS, 60 cr, 11.1001 Nondestructive Testing Technology AAS, 72 cr, 15.040402 Process Controls Technician AAS, 60 cr, Web Developer AAS, 60 cr, 11.080100	Operations Management

	Welding AAS, 72 cr, 48.050800	
Award Type (e.g., AS)	AAS	BS
Credit Length	(See Above)	120
CIP code (6-digit)	(See Above)	52.020500
Describe program admission requirements (if any)		AAS with 30+ prescribed technical credits, as prescribed by program's accrediting board, The Association of Technology, Management, and Applied Engineering (ATMAE)

Instructions

- 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.

(To add rows, place cursor outside of the end of a row and press enter.)

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	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
General Education Requirements						
Students must select from at least three (3) of the (10) goal areas of the MNTC						
Auto Body Collision Technology AAS, 15 cr,						
Automation and Robotics Systems Technology AAS, 15 cr						
Automotive Service Technology AAS, 15 cr						
CNC Precision Manufacturing Technician AAS, 15 cr						
Computer Aided Drafting & Design AAS, 15 cr						
Computer Programmer AAS, 16 cr						
Computer Support Technician AAS, 15 cr			MnTC General Education courses	1 - 10	15 - 16	

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

Electrician AAS 15 cr, Health Information Technician AAS, 15 cr Multimedia Design Technology AAS, 15 cr Network Administration & Security AAS, 15 cr, Nondestructive Testing Technology AAS, 15 cr, Process Controls Technician AAS, 15 cr, Web Developer AAS, 15 cr, Welding AAS, 15 cr					
MnTC/General Education Total		15 - 16			
Special Notes: MSUM will accept other MnTC credits and will transfer the same number of credits and goal areas as Ridgewater awards. Students should work with their advisor at Ridgewater and MSUM to choose the best general education courses to take.					
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 Auto Body Collision Technology AAS, 57 cr, Automation and Robotics Systems Technology AAS, 52 cr Automotive Service Technology AAS, 57 cr CNC Precision Manufacturing Technician AAS, 52 cr Computer Aided Drafting & Design AAS, 51 - 52 cr Computer Programmer AAS, 44 cr Computer Support Technician AAS, 45 cr Electrician AAS 68 cr, Health Information Technician AAS, 49 cr Multimedia Design Technology AAS, 45 cr Network Administration & Security AAS, 45 cr, Nondestructive Testing Technology AAS, 57 cr, Process Controls Technician AAS, 44 cr, Web Developer AAS, 44 - 45 cr, Welding AAS, 54 - 57 cr			Technical Credits as prescribed in the program Additional credits up to 18 will be applied as unrestricted elective credits	30 Up to 18	
CMAE 1528 Career Success Skills (1), GSWS 1451 First Aid/ Safety (1), GSWS 1401 Employment Preparation (1)			Not Applicable	0	

Major, Emphasis, Unrestricted Electives Total	44 - 68	Total College Credits Applied (sum of sections A and B)	60 - 63
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*	17 - 18
MATH 127 College Algebra** (Goal 4)	3
MATH 234 Intro to Probability & Statistics (Goal 4)	3
ECON 202 Principles of Economics I: Micro (Goal 5)	3
ACCT 230 Principles of Accounting I	3
MGMT 260 Principles of Management	3
OM 380 Methods Improvement	3
OM 393 Occupational Safety & Health OR CM 365 Construction Safety	3
OM 395 Computer Apps for Technologists	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 & Scheduling	3
PMGT 385 Process Leadership	3
OM 469 Internship	3
Total Remaining University Credits²	62 - 63

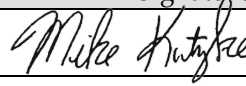
Special Notes: * MnTC/ LASC goal areas must be met and 42 credits earned. ** Equivalent courses may be taken at Ridgewater College. For example Ridgewater's MATH 1120 is equivalent to MSUM's MATH 127 College Algebra.

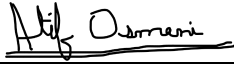


SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	15 - 16		
Major, Emphasis, Unrestricted Electives or Other	44 - 57		
Total College Credits	60 - 84	Total College Credits Applied	60 - 63
		Remaining credit to be taken at the university (receiving institution)	62 - 63
		Total Program Credits	122 - 126

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.

Two-Year College	Name	Signature	Date
Chief Academic Officer	Mike Kutzke		07.13.21
Title	Vice President of Student Success		

University	Name	Signature	Date
Department Chairperson	Atif Osmani		7/13/2021
Academic Dean	Josh Behl		7/29/2021
Chief Academic Officer	Arrick Jackson		07/29/2021
DARS Encoder	Jolene Richardson		
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			