

MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN

MESABI RANGE COMMUNITY & 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 Mesabi Range 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 a Construction Management and Supervision A.S. Degree (hereinafter sending program), and the receiving institution has established a Construction Management B.S. Degree (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 credits from the sending program. A total of 60 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 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 Articulation Agreement is effective on 09/20/2020 and shall remain in effect until the end date of 09/20/2025 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 03/20/2025 (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	Mesabi Range College	Minnesota State University Moorhead (MSUM)
Program name	Construction Management and Supervision	Construction Management
Award Type (e.g., AS)	A.S. Degree	B.S. Degree
Credit Length	60	120
CIP code (6-digit)	46.041200	52.200100
Describe program admission requirements (if any)		2.5 minimum GPA requirement

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						
ENGL 1511 – College Writing I	1	4	ENGL 101 – Composition I	1B	4	Equiv
ENGL 1532 – Technical Writing	1	3	ENGL 201 – Composition II	1B	3	Sub
CMST 1565 – Interpersonal Communication	1	3	COMM 100 – Speech Communication	1A	3	Sub
PHYS 1561 – College Physics I	3	4	PHYS 160 College Physics I (Physical Science Elective I)	3, 3L	4	Equiv
MATH 1521 – College Algebra	4	4	MATH 127 – College Algebra	4	4	Equiv
ECON 1556 – Principles of Economics Micro	5, 8	3	ECON 202 – Principles of Economics: Microeconomics	5, 8	3	Equiv
PSYC 2556 – Industrial/Organizational Psychology	5, 7	4	PSY 113 - General Psychology	5, 7	4	Sub
PHIL 1551 – Introduction to Ethics	6, 9	3	PHIL 318 Professional Ethics	6, 9	3	Sub
Electives		2	Electives		2	
MnTC/General Education Total		30				

Special Notes, if any:

SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

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

(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). Restricted electives (in Major) 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				
CMSV 2890 – Building Organization and Technology	3	CM 220 – Commercial Building Methods & Materials	3	Equiv
CMSV 2875 – Mechanical & Electrical Systems	3	CM 254 – Mechanical/Electrical Systems	3	Equiv
CMSV 2885 – Construction Estimating	3	CM 230 – Construction Estimating I	3	Equiv
ITSF 1225 – OSHA 30 Hour Construction	2	CM 365 – Construction Safety	2	Sub
CMSV 2100 – Soils & Concrete Technology	4	CM 325 – H/H Construction Materials	4	Sub
ACCT 2691 – Principles of Accounting I	4	ACCT 230 – Principles of Accounting I	4	Equiv
BUS 2675 – Principles of Management	3	MGMT 260 – Principles of Management	3	Equiv
CMSV 2860 – Construction Plan Reading	2	Technical	8	
CMSV 2870 – Construction Management	3			
CMSV 2900 – Construction Scheduling	3			
Major, Emphasis, Unrestricted Electives Total	30	Total College Credits Applied (sum of sections A and B)	60	

Special Notes, if any:

SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
Minimum remaining general education/ MnTC/ LASC goal areas*	6
Physical Science Elective II (Goal Area 3)	3
MATH 142 – Pre-Calculus (Goal Area 4)	5
CM 200 & 200L – Surveying Lecture and Lab	2
CM 205 – Professional Growth Seminar	1
CM 216 – Construction Graphics	3
CM 327 – Sustainability in a Built Environment (Goal 10 & WI)	3
CM 335 – Estimating II Pricing & Productivity	3
CM 340 – Planning & Scheduling	3
CM 350 – Structural Analysis	3
CM 370 – Construction Docs/Specs	3
CM 425 – Equipment Productivity & Analysis	3
CM 434 – Construction Cost Analysis	3
CM 460 – Project Administration	3
CM 469 – Internship	3
CM 470 – Construction Law	2
CM 492 – Capstone Experience	3
ACCT 280 – Legal Environment of Business	3
Free Electives	5
Total Remaining University Credits	60

Special Notes: * MnTC/ LASC goal areas must be met and 42 credits earned.


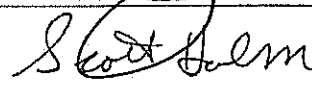




SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	30		
Major, Emphasis, Unrestricted Electives or Other	30		
Total College Credits	60	Total College Credits Applied	60
		Remaining credit to be taken at the university (receiving institution)	60
		Total Program Credits	120

Special Notes, if any:

- Minnesota State University Moorhead requires:
 - Completion of MSU Moorhead's Liberal Arts & Sciences Curriculum (Minnesota Transfer Curriculum) requirements or completion of the Minnesota Transfer Curriculum from the transfer Institution.

- o Adhere to MSU Moorhead and major GPA requirements.
- o Fulfill transfer student Writing-Intensive requirements.
- o A minimum of 40 credits at the 300, 400-level. Transfer students will have to take 300 or 400 level MnTC/LASC courses to fulfil this requirement.
- Additionally,
 - o Developmental courses do not count toward graduation.

College	Name	Signature	Date
Chief Academic Officer	Shelly McCauley Jugovich		9/21/2020
Program Coordinator	Scott Holm		9/20/20
University	Name	Signature	Date
Department Chairperson	Rachel Axness		11-4-20
Academic Dean	Josh Behl		11/5/2020
Chief Academic Officer	Arrick Jackson		11/7/20
DARS Encoder	Jolene Richardson		12/7/2020
Date when equivalencies were encoded in DARS by the receiving MnSCU institution.			