

MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN

SAINT CLOUD TECHNICAL & COMMUNITY
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 Saint Cloud Technical & Community 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 **Land Surveying/Civil Engineering A.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 **44 credits** from the sending program. A total of **76 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 **08/15/2020** and shall remain in effect until the end date of **08/15/2025** 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 **02/15/2025** (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	Saint Cloud Technical & Community College (SCTCC)	Minnesota State University Moorhead (MSUM)
Program name	Land Surveying/ Civil Engineering	Construction Management
Award Type (e.g., AS)	A.A.S. Degree	B.S. Degree
Credit Length	70	120
CIP code (6-digit)	15.020100	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						
MnTC Goal Area 1 (Oral) <i>*Recommended: CMST 2300 – Introduction to Public Speaking</i>	1	3	COMM 100 – Speech Communication	1A	3	Equiv
MnTC Goal Area 1 (Written) <i>*Recommended: ENGL 1302 – Analytical Writing</i>	1	4	ENGL 101 – Composition I	1B	4	Equiv
Choice in Goal Area 2,5,6,or7 <i>*Recommended: ECON 1320 Intro to Macroeconomics or ECON 1330 Intro to Microeconomics</i>	2,5,6,7 (5)	3	Goal Area Elective or <i>ECON 204 – Prin of Economics: Macro</i> <i>ECON 202 – Prin of Economics: Micro</i>	2,5,6,7 (5)	3	Equiv
MATH 1300 – College Algebra	4	3	MATH 127 – College Algebra	4	3	Equiv
MATH 1321 – College Trigonometry	4	3	MATH 143 – Trigonometry	4	3	Equiv
MnTC/General Education Total		16				

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

Special Notes: * Recommended courses because they meet requirements in the major at MSUM. SCTCC MATH 1321 will substitute for the MSUM MATH 142 requirement.

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). 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				
LSCE 1502 – Survey Principles I	3	CM 200 & CM 200L – Surveying Lecture and Lab	3	Equiv
LSCE 1514 – Civil CADD I	3	CM 216 – Construction Graphics	3	Equiv
LSCE 2518 – Utility Design I	3	CM 254 – Mechanical/Electrical Systems	3	Sub
LSCE 1518 – Materials Estimating, & Specifications	3	CM 325 – H/H Construction Materials	3	Sub
LSCE 1506 – Advanced Survey	5	Technical	16	
LSCE 1510 – Civil Drafting Methods	3			
LSCE 1527 – Technical Computations II	3			
LSCE 1530 – Surveying Fundamentals	5			
LSCE 2502 – Control and Digital Surveys	5			
LSCE 2507 – Construction Design and Surveying Principles	3			
LSCE 2510 – Surveying Principles II	3			
LSCE 2514 – Civil CADD II	3			
LSCE 2522 – Civil CADD III	3			
LSCE 2526 – Subdivision Design	4			
LSCE 2530 – Utility Design II	3			
LSCE 2540 – LSCE Internship	2			
Restricted elective credits - list courses (if none enter 0)	0			
Major, Emphasis, Unrestricted Electives Total	54			

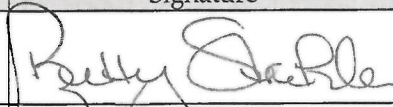
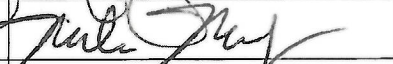

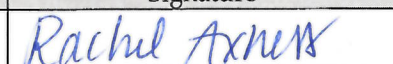
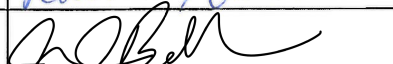

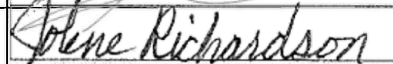
Special Notes, if any: MSUM will accept 16 technical credits toward a baccalaureate degree.

SECTION C - Remaining University (receiving) Requirements

	course prefix, number and name	Credits
	Minimum remaining general education goal areas and credits*	15
	ENGL 201 – Composition II (Goal Area 6)	3
	Physical Science Elective I (Goal Area 3)	4
	Physical Science Elective II (Goal Area 3)	3
	CM 205 – Professional Growth Seminar	1
	CM 220 – Commercial Building Methods and Materials	3
	CM 230 – Estimating I Quantity Survey	3
	CM 327 – Sustainability in Built Environment (GA 10 & WI)	3
	CM 335 – Estimating II Pricing & Productivity	3
	CM 340 – Planning & Scheduling	3
	CM 350 – Structural Analysis	3
	CM 365 – Construction Safety	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 230 – Principles of Accounting I	3
	ACCT 280 – Legal Environment of Business	3
	MGMT 260 – Principles of Management	3
	** COMM 100 – Speech Communication	(3)
	** ENGL 101 – Composition I	(3)
	** ECON 204 – Prin of Economics: Macro OR ECON 202 – Prin of Economics: Micro	(3)

	Total Remaining University Credits	76
Special Notes, if any: *Goal areas must be met and 42 MnTC/ LASC credits earned. **Required if not taken as part of the MnTC in section A.		

SECTION D - Summary of Total Program Credits			
College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	16		
Major, Emphasis, Unrestricted Electives or Other	54		
Total College Credits	70	Total College Credits Applied	44
		Remaining credit to be taken at the university (receiving institution)	76
		Total Program Credits	120
Special Notes, if any:			
<ul style="list-style-type: none"> • Minnesota State University Moorhead requires: <ul style="list-style-type: none"> ○ Completion of MSU Moorhead's Liberal Arts & Sciences Curriculum (Minnesota Transfer Curriculum) requirements or completion of the Minnesota Transfer Curriculum from the transfer institution. ○ Adhere to MSU Moorhead and major GPA requirements. ○ Fulfill transfer student Writing-Intensive requirements. ○ 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, <ul style="list-style-type: none"> ○ Developmental courses do not count toward graduation. 			

College	Name	Signature	Date
Interim Vice President of Academic Affairs	Betty Strehlow		11-9-20
Academic Dean	Mike Mendez		11/9/20
LSCCE Instructor	Sean Clark		11-5-20
Title			
University	Name	Signature	Date
Department Chairperson	Rachel Axness		1-20-21
Academic Dean	Josh Behl		1/20/2021
Chief Academic Officer	Arrick Jackson		01/21/21
DARS Encoder	Jolene Richardson		01/21/2021
Date when equivalencies were encoded in DARS by the receiving MnSCU institution.			