MINNESOTA STATE COLLEGES AND UNIVERSITIES* ARTICULATION AGREEMENT BETWEEN	DAKOTA COUNTY 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 Dakota County 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 an **Architectural Technology 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 **60 credits** from the sending program. A total of **74 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 **07/30/2021** and shall remain in effect until the end date of **07/30/2026** 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 **01/30/2026** (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	Dakota County Technical College	Minnesota State University Moorhead (MSUM)
Program name	Architectural Technology	Construction Management
Award Type (e.g., AS)	A.A.S. Degree	B.S. Degree
Credit Length	60	120
CIP code (6-digit)	15.130302	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 1150 – Composition I	1	3	ENGL 101 – Composition I	1B	3	Equiv
SPEE 1020 – Interpersonal Communication	1, 7	3	COMM 100 – Speech Communication	1A, 7	3	Sub
ARTS 1310 – History of Architecture	6	3	Goal Area 6	6	3	
General Education Goal 6 ARTS 1301 Design Fundamentals **OR** *Recommended: PHIL 1460 Philosophy of the Arts & Architecture*	6 (2, 6)	3 (3)	Goal Area 6 *Goal Area 2 and 6*	6 (2, 6)	3 (3)	
General Education Elective *Recommended: MATS 1300 College Algebra*	1-10 (4)	3 (3)	General Education Elective *MATH 127 College Algebra*	1-10 (4)	3 (3)	Equiv
MnTC/General Education Total		15				

Special Notes, if any: MnTC courses transfer to MSUM with the same goal areas and credit amounts awarded by Dakota County Technical College. *Recommended because the course is required for the major at MSUM or to make the most of your MnTC Goal Areas.

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

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					
ARCT 1108 – Computer Drafting I	3	CM 216 – Construction Graphics	6	Equiv
ARCT 1208 – Computer Drafting II	3			
ARCT 1020 – Methods and Materials I	3	CM 220 – Commercial Bldg. Methods & Materials	6	Equiv
ARCT 1540 – Methods and Materials II	3			
ARCT 2000 – Mechanical and Electrical Systems	3	CM 254 – Mechanical/Electrical Systems	3	Equiv
ARCT 2020 – Building Structures	3	CM 350 – Structural Analysis	3	Sub
ARCT 1000 – Architectural Technology Studio I	5	Technical	27	
ARCT 1500 – Architectural Technology Studio II	5			
ARCT 1520 – Building Codes and Regulations	3			
ARCT 2101 – Architectural Studio III	5			
ARCT 2108 – Computer Drafting III	3			
ARCT 2200 – Architectural Studio IV	5			
ARCT 2970 – Internship: Arch. Tech.	1			
Unrestricted elective credits (if none enter 0)	0	College's unrestricted elective credits accepted in transfer (if none enter 0)	0	
Major, Emphasis, Unrestricted Electives Total	**45**	**Total College Credits Applied (sum of sections A and B)**	**60**	

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	6
	Physical Science Elective I (Goal Area 3 with lab)	4
	Physical Science Elective II (Goal Area 3 with or w/o lab)	3
	MATH 142 – Pre-Calculus (Goal Area 4)	5
	ECON 202 – Principles of Economics: Microeconomics **OR** ECON 204 – Principles of Economics: Macroeconomics (Goal Area 5)	3
	ENGL 201 – Composition II (Goal Area 6)	3
	CM 200 & CM 200L – Surveying Lecture & Lab	2
	CM 205 – Professional Growth Seminar	1
	CM 230 – Estimating I Quantity Survey	3
	CM 327 – Sustainability in Built Environ (Goal Area 10 and WI)	3
	CM 335 – Estimating II Pricing & Productivity	3
	CM 340 – Planning & Scheduling	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 445 – Contractor Quality Management	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
	University unrestricted elective credits not counted elsewhere (if none enter 0)	0
	Total Remaining University Credits	**74**

Special Notes, if any:

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	15		
Major, Emphasis, Unrestricted Electives or Other	45		
Total College Credits	60	**Total College Credits Applied**	60
		Remaining credit to be taken at the university (receiving institution)	74
		Total Program Credits	134

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.
  - 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,
  - Developmental courses do not count toward graduation.

College	Name	Signature	Date
Chief Academic Officer	Mike Opp	*Vice President of Academic Affairs*	7/1/2021
Title			

University	Name	Signature	Date
Department Chairperson	Rachel Axness	*Rachel Axness*	7/7/21
Academic Dean	Josh Behl		7/7/2021
Chief Academic Officer	Arrick Jackson		07/22/2021
DARS Encoder	Jolene Richardson	*Jolene Richardson*	7/22/2021
Date when equivalencies were encoded in DARS by the receiving MnSCU institution.			