

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 a **Civil Engineering & Land Survey 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 **49 credits** from the sending program. A total of **75 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 **07/15/2021** and shall remain in effect until the end date of **07/15/2026** 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 **01/15/2026** (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 | Civil Engineering & Land Survey Technology | Construction Management |
| Award Type (e.g., AS) | A.A.S. Degree | B.S. Degree |
| Credit Length | 60 | 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 | | | | | | |
| 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 |
| MATS 1340 – Math for Engineering Technology | 4 | 4 | Goal 4 Course | 4 | 4 | |
| General Education Elective | | 5 | Goal Area 1 - 10 | 1 - 10 | 5 | |
| MnTC/General Education Total | | 15 | | | | |
| Special Notes, if any: | | | | | | |

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). 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 | | | | |
|--|----|--|----|-------|
| CIVL 1131 – Beginning Surveying | 5 | CM 200 & CM 200L – Surveying Lecture & Lab | 5 | Equiv |
| CIVL 1151 – Basic Computer Aided Design | 5 | CM 216 – Construction Graphics | 5 | Equiv |
| CIVL 2211 – Project Design | 3 | CM 230 – Construction Estimating I | 5 | Sub |
| CIVL 2241 – Estimating | 2 | | | |
| CIVL 1251 – Soil Mechanics/Materials Testing | 3 | CM 325 – H/H Construction Materials | 3 | Sub |
| CIVL 1222 – Civil Drafting | 4 | Technical Credits | 16 | |
| CIVL 1231 – Intermediate Surveying and GPS | 5 | | | |
| CIVL 1242 – Construction Staking | 2 | | | |
| CIVL 1256 – Hydrology | 1 | | | |
| CIVL 1257 – UAV/Drone Photogrammetry | 1 | | | |
| CIVL 2121 – Construction Inspection & Project Mgmt. | 4 | | | |
| CIVL 2155 – Eco-Sensitive Design | 1 | | | |
| CIVL 2133 – Subdivision Plat Drafting | 1 | | | |
| CIVL 2132 – Land Survey | 3 | | | |
| CIVL 2221 – Properties of Construction Materials | 2 | | | |
| CIVL 2970 – Internship | 3 | | | |
| | | | | |
| | | | | |
| Major, Emphasis, Unrestricted Electives Total | 45 | Total College Credits Applied (sum of sections A and B) | 49 | |

Special Notes: 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 | 11 |
| | Physical Science Elective I (Goal Area 3 with lab) | 4 |
| | Physical Science Elective II (Goal Area 3) | 3 |
| | 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 205 – Professional Growth Seminar | 1 |
| | CM 220 – Commercial Building Methods & Materials | 3 |
| | CM 254 – Mechanical/Electrical Systems | 3 |
| | CM 327 – Sustainability in Built Environ (Goal Area 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 |
| | University unrestricted elective credits not counted elsewhere (if none enter 0) | 0 |
| | Total Remaining University Credits | 75 |

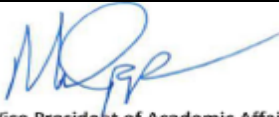



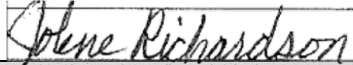
Special Notes, if any:

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 | 49 |
| | | Remaining credit to be taken at the university (receiving institution) | 75 |
| | | Total Program Credits | 124 |

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 |  <small>Vice President of Academic Affairs</small> | 7/1/2021 |
| Title | | | |
| University | Name | Signature | Date |
| Department Chairperson | Rachel Axness |  | 7/7/21 |
| Academic Dean | Josh Behl |  | 7/7/2021 |
| Chief Academic Officer | Arrick Jackson |  | 07/22/2021 |
| DARS Encoder | Jolene Richardson |  | 7/22/21 |
| Date when equivalencies were encoded in DARS by the receiving MnSCU institution. | | | |