

MINNESOTA STATE COLLEGES AND  
UNIVERSITIES\*  
ARTICULATION AGREEMENT  
BETWEEN

NORTH DAKOTA STATE COLLEGE OF SCIENCE  
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 NORTH DAKOTA STATE COLLEGE OF SCIENCE (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 MANAGEMENT INFORMATION SYSTEMS AS (hereinafter sending program), and the receiving institution has established a PROJECT 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 67 credits from the sending program. A total of 53 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 10/15/2019 and shall remain in effect until the end date of 10/15/2024 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 04/15/2024 (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	North Dakota State College of Science	Minnesota State University Moorhead
Program name	Management Information Systems	Project Management
Award Type (e.g., AS)	AS	BS
Credit Length	68	120
CIP code (6-digit)		52.0211
Describe program admission requirements (if any)		

### 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) <sup>1</sup>	Credits	course prefix, number and name	Goal(s) <sup>1</sup>	Credits Applied	Equiv Sub Wav
<b>Minnesota Transfer Curriculum-General Education</b>						
COMM 110 Fundamentals of Public Speaking		3	COMM 100 Speech Communications	1A	3	Equiv
ENGL 110 College Composition I		3	ENGL 101 English Composition I	1	3	Equiv
ENGL 120 College Composition II		3	MnTC GOAL 1B	1B	3	
ECON 201 Principles of Microeconomics		3	ECON 202 Microeconomics	5	3	Equiv
ECON 202 Principles of Macroeconomics		3	ECON 204 Macroeconomics	5	3	Equiv
MATH 146 Applied Calculus I*		4	MATH 229 Topics in Calculus	4	4	Equiv
PHIL 210 Ethics		3	PHIL 215 Contemporary Moral Issues	6, 9	3	Equiv
PSYC 111 Introduction to Psychology		3	PSY 113 General Psychology	5	3	Equiv
SOC 110 Introduction to Sociology		3	SOC 110 Intro to Sociology	5	3	Equiv
Humanities/ Fine Arts Elective		6	MnTC Goal Area 6	6	6	
Science Elective <i>Lab Science Course (4)</i>		4	MnTC Goal Area 3	3	4	
Wellness Elective		2	Elective		2	
FYE 101 Science of Success		1	Not applicable		0	
<b>MnTC/General Education Total</b>		<b>41</b>				

**Special Notes, if any:** Since the student has completed the GERTA requirements with this AS degree, the general education or LASC requirements at MSUM are considered fulfilled. \* Successful completion of MATH 146 waives the requirement of MATH 127 at MSUM.

<sup>1</sup> MnTC goal areas transfer to the receiving MnSCU 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				
ACCT 200 Elements of Accounting I	4	ACCT 230 Principles of Accounting I	4	Equiv
ACCT 201 Elements of Accounting II	4	ACCT 231 Principles of Accounting II (Elective)	4	Equiv
CIS 164 Networking Fundamentals I	4	Electives	19	
CIS 180 HTML and CSS	3			
CSCI 116 Business Use of Computers	4			
CSCI 160 Computer Science I	4			
CSCI 161 Computer Science II (Java)	4			
<b>Major, Emphasis, Unrestricted Electives Total</b>	<b>27</b>	<b>Total College Credits Applied (sum of sections A and B)</b>	<b>67</b>	

### SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
MATH 234 Probability & Statistics (Goal 4)	3
MGMT 260 Principles of Management	3
MKTG 270 Principles of Marketing	3
OM 380 Methods Improvement	3
OM 482 Planning and Implementation	3
OM 395 Computer Applications for Technologists	3
OM 470 Purchasing & Sourcing Management	3
OM 483 Cost Analysis	3
PMGT 300 Project Management & Scheduling	3
PMGT 301 Customer Relationship Management <b>OR</b> PMGT 433 Dale Carnegie Skills for Success	3
PMGT 385 Process Leadership	3
PMGT 400 Adv Project Management, Risk & Liability	3
PMGT 401 Consulting	3
PMGT 456/ MGMT 456 Project Management in Business	3
PMGT 492 Project Management Capstone	3
OM 469 Internship <b>OR</b> BUS 480 Dragon consulting	3
Electives*	5
<b>Total Remaining University Credits<sup>2</sup></b>	<b>53</b>

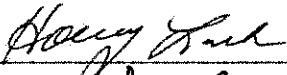

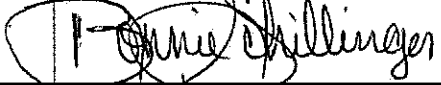
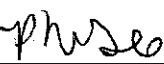

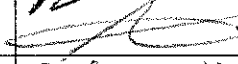

**Special Notes, if any:** \* It is recommended that these electives be used to complete the 40 upper division credit requirement.

### SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	41		
Major, Emphasis, Unrestricted Electives or Other	27		
<b>Total College Credits</b>	<b>68</b>	<b>Total College Credits Applied</b>	<b>67</b>
		<b>Remaining credit to be taken at the university (receiving institution)</b>	<b>53</b>
		<b>Total Program Credits</b>	<b>120</b>

**Special Notes, if any:**

<sup>2</sup> 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.

College	Name	Signature	Date
VP Academic Affairs	Harvey Link		11/15/2019
Dean Art, Science & Business	Ken Kompelien		11/14/19
Department Chair	Bonnie Schillinger		11/13/2019
University	Name	Signature	Date
Department Chairperson	Pam McGee		12/2/19
Academic Dean	Josh Behl		12/3/2019
Chief Academic Officer	Arrick Jackson		12/4/19
DARS Encoder	Jolene Richardson		12/13/19
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			