

MINNESOTA STATE COLLEGES AND  
UNIVERSITIES\*  
ARTICULATION AGREEMENT  
BETWEEN

MINNESOTA STATE COMMUNITY AND  
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 **MINNESOTA STATE COMMUNITY AND 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 **NETWORK ADMINISTRATION & SECURITY AAS** (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 **54 credits** from the sending program. A total of **72 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 uSelect 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 **08/01/2014** and shall remain in effect until the end date of **08/01/2019** 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 **02/01/2019** (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	Minnesota State Community & Technical College	Minnesota State University Moorhead
Program name	Network Administration & Security	Project Management
Award Type (e.g., AS)	AAS	BS
Credit Length	66	120
CIP code (6-digit)	11.1001	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
Minnesota Transfer Curriculum-General Education						
ENGL 1101 College Writing	1	3	ENGL 101 English Composition I	1	3	Equiv
COMM 1120 Introduction to Public Speaking	1	3	CMST 100 Speech Communication	1	3	Equiv
MnTC Electives	1 - 10	9	Goal Areas 1 - 10	1 - 10	9	
<i>*Recommended: MATH 1114 College Algebra</i>	<i>2, 4</i>	<i>(4)</i>	<i>MATH 127 College Algebra</i>	<i>2, 4</i>	<i>(4)</i>	<i>Equiv</i>
<i>ECON 2222 Microeconomics</i>	<i>2, 5, 9</i>	<i>(3)</i>	<i>ECON 202 Microeconomics</i>	<i>2, 5, 9</i>	<i>(3)</i>	<i>Equiv</i>
<b>MnTC/General Education Total</b>		<b>15</b>				

**Special Notes, if any:** \* These courses are required for the Project Management degree. MSUM will accept other MnTC credits and will transfer the same number of credits and goal areas as MSCTC awards.

### 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

<sup>1</sup> MnTC goal areas transfer to the receiving MnSCU college/university according to the goal areas designated by the sending college/university

CPTR 1001 Intro to Programming & Scripting	3	Electives	39	
CPTR 1106 Microcomputer Databases	3			
CPTR 1108 CISCO I	3			
CPTR 1148 Microcomputer Operating System <b>OR</b> CPTR 1178 Robotics	3			
CPTR 2224 Linux I	3			
CSEC 2210 Security Breaches & Counter Measures	3			
CSEC 2212 Web Security	3			
CPTR 2245 Enterprise Network Technologies	3			
CPTR 2272 Network Operating Systems	3			
CPTR 2236 Network Security	3			
CVNP 2216 Voice Over Protocol and IP Telephony	3			
CSEC 2228 Network Defense	3			
CSEC 2222 Network Security Design ( <i>Recommended*</i> )	3			
CSCI 1110 Informatics, CPTR 1118 CISCO 2, CPTR 1125 IT Essentials, CSEC 2204 Managing Directory Services, CPTR 2294 Internship	12	Not Applicable to Major	0	
<b>Major, Emphasis, Unrestricted Electives Total</b>	51	<b>Total College Credits Applied (sum of sections A and B)</b>	54	

**Special Notes:** \* This course is recommended since the other choice, CPTR 2294 is not applicable.

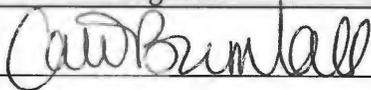
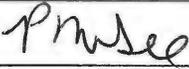
<b>SECTION C - Remaining University (receiving) Requirements</b>		
	course prefix, number and name	Credits
	Remaining MnTC/Gen Ed/ LASC Goal Requirements	24
	MATH 234 Probability & Statistics (Goal 4)	3
	ACCT 230 Principles of Accounting I	3
	ENGL 387 Technical Report Writing (Writing Intensive)	3
	FINC 340 Financial Management	3
	MGMT 360 Principles of Management	3
	MGMT 370 Management Information Systems	3
	MGMT 456 Project Management in Business	3
	MKTG 310 Principles of Marketing	3
	OM 380 Methods Improvements	3
	OM 394 Computer Applications in Business	3
	OM 483 Cost Analysis	3
	OM 482 Quality Planning & Implementation	3
	PMGT 300 Project Management & Scheduling	3
	PMGT 385 Process Leadership	3
	PMGT 400 Advanced Project Management, Risk & Liability	3
	PMGT 496 Project Management	3
	**MATH 127 College Algebra	(3)
	**ECON 202 Microeconomics	(3)
	<b>Total Remaining University Credits<sup>2</sup></b>	72

**Special Notes:** \*\* These courses are required unless their equivalents were taken as part of the M-State coursework above.

<b>SECTION D - Summary of Total Program Credits</b>			
<b>College (sending) Credits</b>		<b>University (receiving) Requirements</b>	
<b>MnTC/General Education</b>	15		
<b>Major, Emphasis, Unrestricted Electives or Other</b>	51		
<b>Total College Credits</b>	66	<b>Total College Credits Applied</b>	54
		<b>Remaining credit to be taken at the university (receiving institution)</b>	72
		<b>Total Program Credits</b>	126

**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
Chief Academic Officer	Dr. Carrie Brimhall		8/5/14
Title			
University	Name	Signature	Date
Department Chairperson	Pam McGee		8/26/14
Academic Dean	Dr. Marsha Weber		9-2-14
Chief Academic Officer	Dr. Michelle Malott		7/4/14
DARS Encoder	Tara Spletstoser		10/4/14
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			