

**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 **INFORMATION TECHNOLOGY AS** (hereinafter sending program), and the receiving institution has established a **COMPUTER INFORMATION TECHNOLOGY 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 **60 credits** from the sending program. A total of **60 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 **12/1/2017** and shall remain in effect until the end date of **12/1/2022** 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 **06/1/2022** (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	Information Technology	Computer Information Technology
Award Type (e.g., AS)	AS	BS
Credit Length	60	120
CIP code (6-digit)	110103	110401
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) :	Credits	course prefix, number and name	Goal(s) ¹	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 Intro to Public Speaking	1	3	COMM 100 Speech Communication	1	3	Equiv
MATH 1114 College Algebra	2, 4	4	MATH 127 College Algebra	2, 4	4	Equiv
PSYC 1200 General Psychology	5, 9	3	PSY 113 General Psychology	5, 9	3	Equiv
HUM 2236 Technology in the Humanities	2, 6, 8	3	Goal Areas 2, 6, 8	2, 6, 8	3	
MnTC Electives	1 - 10	14	MnTC Goal Areas 1 - 10	1 - 10	14	
MnTC/General Education Total		30				

Special Notes, if any: * It is recommended that courses to meet goal areas 3 & 5 be taken. 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

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

(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			
CPTR 1001 Introduction to Programming & Scripting	3	CSIS 152 Intro to Computers & Programming I-a	3 Equiv
CPTR 1106 Microcomputer Database	3	CSIS 103 Computer Concepts & Applications	3 Equiv
CPTR 1122 Microcomputer Maintenance	3	CSIS 222 Computer Maintenance	3 Equiv
CPTR 1170 Web Engineering I	3	CSIS 241 Intro to Web Design & Development	3 Equiv
CSCI 1110 Informatics	3	CSIS 145 Intro to Information Systems	3 Equiv
CPTR 1108 Cisco 1	3	Elective	3
CPTR 2272 Network Operating Systems	3	Elective	3
CPTR 1178 Robotics	3	Elective	3
CPTR 2224 Linux 1*	3	Restricted Elective*	3
CPTR 2236 Network Security*	3	Restricted Elective*	3
Major, Emphasis, Unrestricted Electives Total	30	Total College Credits Applied (sum of sections A and B)	60

Special Notes, if any: *These 6 credits will satisfy 6 of the restricted electives at MSUM.

SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
Remaining MnTC/Gen Ed/ LASC Goal Requirements*	9
CSIS 153 Intro to Computers & Programming I-b	3
CSIS 304 Databases	3
CSIS 311 Server-Side Scripting	3
CSIS 341 System and Network Administration	3
CSIS 349/ 349L Networks & Data Communications & Lab	4
CSIS 360 Linux Programming & Development Tools	3
CSIS 441 Network Security	3
CSIS 469 Internship OR	3
CSIS 405 E-Commerce Technology OR	
CSIS 446 Decision Support Systems	
ENGL 387 Technical Report Writing	3
MATH 210 Concepts from Discrete Mathematics (Goal 4)	3
Restricted Electives at the 300 or 400 level**	6
General Electives	14
Total Remaining University Credits²	60

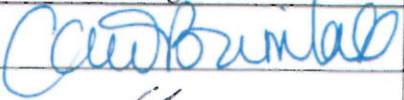


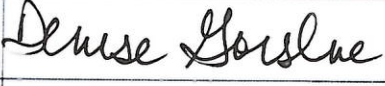

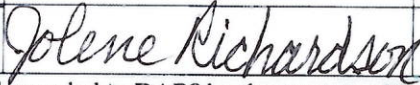
Special Notes, if any: * Goal area requirements must be met and 42 total MnTC/ LASC credits earned. **The requirement for the upper division restricted electives is completed with 6 upper division credits in this area.

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)	60
		Total Program Credits	120

Special Notes, if any:

² 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		11/27/17
Academic Dean	Steve Erickson		11/16/17
University	Name	Signature	Date
Department Chairperson	Andrew Chen		12/5/2017
Academic Dean	Denise Gorsline		12.6.17
Chief Academic Officer	Marsha Weber		12-7-17
DARS Encoder	Jolene Richardson		12/8/17
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			