

<b>MINNESOTA STATE COLLEGES AND UNIVERSITIES*</b> <b>ARTICULATION AGREEMENT BETWEEN</b>	<b>LAKE SUPERIOR COLLEGE AND MINNESOTA STATE UNIVERSITY MOORHEAD</b>
<p>*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.</p>	

This Agreement is entered into between LAKE SUPERIOR 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 COMPUTER and WEB PROGRAMMING 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 58 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 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 10/01/2019 and shall remain in effect until the end date of 10/01/2024 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 04/01/2024 (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	Lake Superior College	Minnesota State University Moorhead
Program name	Computer Technology	Project Management
Award Type (e.g., AS)	AAS	BS
Credit Length	72	120
CIP code (6-digit)	11.0801	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>						
*Recommended: MATH1100 College Algebra OR MATH 1115 Contemporary Discrete Math OR PHIL 1125 Logic	2, 4 2, 4 4	3 - 4	MATH 127 College Algebra OR MnTC Goals 2, 4 OR PHIL 110 Practical Reasoning	2, 4 2, 4 4	3 - 4	Equiv  Equiv
General Education Electives *Recommended: ECON 1160 Principles of Econ: Microeconomics COMM 1110 Methods of Public Speaking	1 - 10 5 1	11 - 12 (3) (3)	MnTC Goals 1 - 10 ECON 202 Microeconomics COMM 100 Speech Communications	1 - 10 5 (1)	11 - 12 (3) (3)	 Equiv Equiv
<b>MnTC/General Education Total</b>		15				

**Special Notes, if any:** \* These courses are recommended because either it is a requirement of the Project Management BS or the MnTC/LASC requirements. MSUM will accept other MnTC credits and will transfer the same number of credits and goal areas as LSC 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: "Choose 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).

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

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
CIS 1510 Microcomputer Database	2	Electives	41	Equiv
CIS 1406 Web Programming I	3			
CIS 1412 Web Graphics I	3			
CIS 1408 Web Programming II	4			
CIS 1420 Advanced Web Site Design	4			
CIS 1532 Data Driven Websites	3			
CIS 1610 Web Scripting	4			
CIS 2635 Java Programming	3			
CIS 2620 Object-Oriented programming I	4			
CIS 2640 Mobile Apps Programming	3			
CIS 2976 Emerging Technologies	1			
Technical Electives	9			
CIS 1402 Foundations of CIS (3 cr), CIS 1410 Web Site Design (3 cr), CIS 1415 Intro to Programming (4 cr), CIS 2980 Computer Internship (1 cr), CIS 2987 CIS Capstone (3 cr)	14			
<b>Major, Emphasis, Unrestricted Electives Total</b>	<b>57</b>	<b>Total College Credits Applied (sum of sections A and B)</b>	<b>58</b>	

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

	course prefix, number and name	Credits
	MnTC/ Gen Ed remaining credits to complete LASC*	24
	MATH 234 Probability & Statistics (Goal 4)	3
	ACCT 230 Principles of Accounting I	3
	MGMT 260 Principles of Management	3
	MKTG 270 Principles of Marketing	3
	OM 380 Methods Improvements	3
	OM 395 Computer Applications for Technologists	3
	OM 470 Purchasing & Sourcing Management	3
	OM 483 Cost Analysis	3
	OM 482 Quality Planning & Implementation	3
	PMGT 456/ MGMT 456 Project Management in Business	3
	PMGT 300 Project Management & Scheduling	3
	PMGT 301 Customer Relationship Management OR	3
	PMGT 433 Dale Carnegie Skills for Success	3
	PMGT 385 Process Leadership	3
	PMGT 400 Advanced Project Management, Risk & Liability	3
	PMGT 401 Consulting	3
	PMGT 492 Project Management	3
	PMGT 469 Internship OR	3
	BUS 480 Dragon Consulting	
	** MATH 127 College Algebra	(3)
	** ECON 202 Microeconomics	(3)
	<b>Total Remaining University Credits<sup>2</sup></b>	<b>72</b>

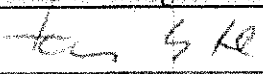

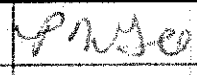
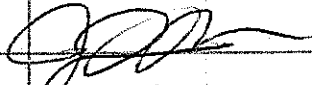
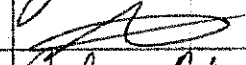

**Special Notes, if any:** \* Goal areas must be met and 42 MnTC/ LASC credits earned. It is recommended that some of these courses be taken at the 300 or 400 level to fulfill the 40 upper division credit requirement. \*\* Required if equivalent courses are not taken as part of MnTC in section A.

**SECTION D - Summary of Total Program Credits**

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	15		
Major, Emphasis, Unrestricted Electives or Other	57		
<b>Total College Credits</b>	<b>72</b>	<b>Total College Credits Applied</b>	<b>58</b>
		<b>Remaining credit to be taken at the university (receiving institution)</b>	<b>72</b>
		<b>Total Program Credits</b>	<b>130</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
Chief Academic Officer	Hanna Erpestad		4/2/15
Dean of Business & Industry	Bradley Vieths		9/30/11
Title			
University	Name	Signature	Date
Department Chairperson	Pam McGee		10/10/14
Academic Dean	Josh Behl		10/15/14
Chief Academic Officer	Arrick Jackson		10/21/15
DARS Encoder	Jolene Richardson		10/31/19
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			