

**MINNESOTA STATE COLLEGES AND  
UNIVERSITIES\*  
ARTICULATION AGREEMENT  
BETWEEN**

**Chippewa Valley 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 Chippewa Valley 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 – Software Developer AAS (hereinafter sending program), and the receiving institution has established a Bachelors of Science in Project Management (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 48 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 12/01/2019 and shall remain in effect until the end date of 12/01/2024 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 06/01/2024 (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

	<b>College (sending)</b>	<b>University (receiving)</b>
Institution	Chippewa Valley Technical College	Minnesota State University Moorhead
Program name	Information Technology – Software Developer	Project Management
Award Type (e.g., AS)	AAS	BS
Credit Length	60 credits	120 credits
CIP code (8-digit)		52.020500
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)			MSUM 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	
<small>(The following courses are requirements of the BS degree, but may not be required of the diploma or associate's programs. Students are encouraged to take these courses within their AS, AAS, or Diploma program.)</small>							
Minnesota Transfer Curriculum-General Education							
801-136 English Composition 1		3	ENGL 101 English Composition I	1B	3	Equiv	
801-196 Oral/ Interpersonal Comm		3	COMM 100 Speech Communication	1	3	Equiv	
809-198 Intro to Psychology		3	PSY 113 General Psychology	5	3		
809-196 Intro to Sociology		3	SOC 110 Intro to Sociology	5	3	Equiv	
804-133 Math & Logic		3	MnTC Goal Area 4	4	3		
<b>MnTC/General Education Total</b>		<b>15</b>					

\*Students should work with their advisor at Chippewa Valley Tech and MSU Moorhead to choose best general education courses to take at CVTC. MSUM may accept other gen ed credits within the AAS. MSUM will transfer the same number of credits Chippewa Valley Tech awards. Examples follow:

809 195 – Economics is equivalent to MSUM ECON 100 The American Economy (Goal 2)

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

809-197 – Contemporary Amer Society satisfies MSUM Goal 5.  
 809-172 – Intro to Diversity Studies satisfies MSUM Goal 7.

**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				
152-108 Web 2 – Client Side	3	Electives	33	
152-118 Intro to Computers & Programming	3			
152-126 Agile Programming	3			
152-129 Java Web Programming	3			
152-132 Database 1	3			
152-136 Database 2	3			
152-142 Object Oriented Programming	3			
152-151 Android Development	3			
152-159 Web 3 – Interactive Media OR 152-161 3 D Simulation Development	3			
152-164 Web 4 – Server-Side 152-166 IT Developer Capstone	3			
152-101 Programming Fundamentals (3), 152-103 .NET Application Development (3), 152-105 .NET – ASP (3) OR 152-114 IOS Development (3), 152-107 Web 1 – HTML & CSS (3)	12	Not Applicable	0	
<b>Major, Emphasis, Unrestricted Electives Total</b>	<b>45</b>	<b>Total College Credits Applied (sum of sections A and B)</b>	<b>48</b>	

**Special Notes:**

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

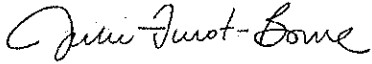


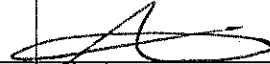

course prefix, number and name	Credits
Remaining MnTC/ LASC Goal Requirements*	18
MATH 127 College Algebra (Goal 4)	3
MATH 234 Probability & Statistics (Goal 4)	3
ECON 202 Microeconomics (Goal 5)	3
ACCT 230 Principles of Accounting I	3
MGMT 260 Principles of Management	3
MKTG 270 Principles of Marketing	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 <b>OR</b>	3
PMGT 433 Dale Carnegie Skills for Success	
PMGT 385 Process Leadership	3
PMGT 400 Advanced Project Management, Risk & Liability	3
PMGT 401 Consulting	3
PMGT 492 Project Management	3
OM 469 Internship <b>OR</b>	3
BUS 480 Dragon Consulting	
<b>Total Remaining University Credits</b>	<b>75</b>

**Special Notes:** \* MnTC goal areas must be met and at least 42 MnTC/ LASC credits earned. To maximize effort students should take gen ed/ LASC courses that count in more than one goal area.

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

College (sending) Credits	University (receiving) Requirements
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MnTC/General Education	15		
Major, Emphasis, Unrestricted Electives or Other	45		
<b>Total College Credits</b>	60	<b>Total College Credits Applied</b>	48
		<b>Remaining credit to be taken at the university (receiving institution)</b>	75
		<b>Total Program Credits</b>	123
<b>Special Notes, if any:</b>			

College	Name	Signature	Date
Vice President	Julie Furst-Bowe		12.2.19
Title			
University	Name	Signature	Date
Department Chair	Pam McGee		12-17-19
Academic Dean	Josh Behl		12-19-19
Chief Academic Officer	Arrick Jackson		12/20/19
DARS Encoder	Jolene Richardson		1/6/2020
Date when equivalencies were encoded in DARS by the receiving MnSCU institution.			