

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 **WEB DESIGN/ WEB DEVELOPER 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 **51 credits** from the sending program. A total of **76 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 **01/02/2015** and shall remain in effect until the end date of **01/02/2020** 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 **07/02/2019** (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	North Dakota State College of Science	Minnesota State University Moorhead
Program name	Web Design/ Web Developer	Project Management
Award Type (e.g., AS)	AAS	BS
Credit Length	65 - 66	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) ¹	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equiv/ Sub/ Wav
Minnesota Transfer Curriculum-General Education						
ENGL 110 College Composition I		3	ENGL 101 English Composition I	1B	3	Equiv
ENGL125 Intro to Professional Writing		3	MnTC GOAL 1B	1B	3	
PHIL 210 Ethics		3	PHIL 215 Contemporary Moral Issues	6, 9	3	Equiv
Social & Behavioral Science, Political Science, Humanities and History Elective		3			3	
<i>*Recommended: ECON 201 Principles of Microeconomics</i>		(3)	<i>ECON 202 Microeconomics</i>	(5)	(3)	Equiv
FYE 101 (1), Wellness Elective (2)		3	Not Applicable		0	
MnTC/General Education Total		15				

Special Notes: *This course is recommended since it is required for Project Management at MSUM.

Students should work with their advisor at NDSCS and MSU Moorhead to choose the best general education courses to take. Some equivalencies are listed below. MSUM may accept other credits within the AAS. MSUM will accept additional gen ed courses and will transfer the same number of credits NDSCS awards. Note that if the GERTA is completed at NDSCS, MSUM considers their LASC/ general education complete. MATH 103 College Algebra is equivalent to MSUM MATH 127 College Algebra (3 cr) (Goal 4).

MICR 202 Introductory Microbiology & MICR 202L is equivalent to MSUM BIOL 236 Introduction to Microbiology (Lab) (4 cr) (Goal 3).

CHEM 115 Introductory Chemistry & CHEM 115L is equivalent to MSUM CHEM 110/ CHEM 110L Fundamentals of Chemistry (Lab) (4 cr) (Goal 3)

PSYC 111 Intro to Psychology is equivalent to MSUM PSY 113 General Psychology (3 cr) (Goal 5).

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

SOC 110 Intro to Sociology is equivalent to MSUM SOC 110 Intro to Sociology (3 cr) (Goal 5).

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				
CIS 164 Networking Fundamentals I	4	Electives	39	
CIS 180 HTML & CSS	3			
CIS 181 Web Authoring & Image Editing Software	3			
CIS 220 Operating Systems (UNIX)	3			
CIS 232 Graphics Design	3			
CSCI 135 Web Programming (XML)	3			
CIS 233 Vector Graphics & Web Animation	3			
CIS 244 Web Server management	3			
CIS 279 Security Awareness & Policy	1			
CSCI 122 Visual Basic	3			
CSCI 133 Database Concepts (SQL)	3			
CSCI 160 Computer Science i	4			
CSCI 230 Web Database I (ASP/PHP)	3			
BADM 110 Intro to eBusiness (3), BOTE 108 Business Mathematics (3), CSCI 102 fundamentals of Cyberlaw (3 cr), CIS 197/297 Internship and/or Cooperative Ed (2 - 3 cr)	11 - 12	Not Applicable	0	
Major, Emphasis, Unrestricted Electives Total	50 -51	Total College Credits Applied (sum of sections A and B)	51	

SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
Remaining MnTC/ LASC Goal Requirements*	24
MATH 127 College Algebra (Goal 4)**	3
MATH 234 Probability & Statistics (Goal 4)**	3
ACCT 230 Principles of Accounting I**	3
ENGL 387 Technical Report Writing (Writing Intensive)	4
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 (Writing Intensive)	3
PMGT 400 Advanced Project Management, Risk & Liability	3
PMGT 496 Project Management	3
*** ECON 202 Microeconomics	(3)
Total Remaining University Credits²	76

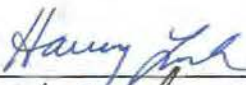



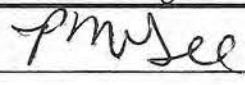
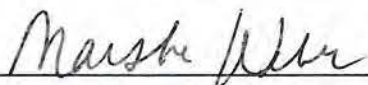


Special Notes, if any: * Goal areas must be met and a total of 42 MnTC/ LASC credits earned. ** NDCS MATH 103 College Algebra is equivalent to MSUM MATH 127, NDCS MATH 210 is equivalent to MSUM MATH 234, NDCS ACCT 200 is equivalent to MSUM ACCT 230. ***Required if not taken as part of MnTC in section A.

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements
MnTC/General Education	15	

Major, Emphasis, Unrestricted Electives or Other	50 - 51		
Total College Credits	65 - 66	Total College Credits Applied	51
		Remaining credit to be taken at the university (receiving institution)	76
		Total Program Credits	127
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
VP Academic & Student Affairs	Harvey Link		12/2/14
Dean Art, Science & Business	Ken Kompelien		12/2/14
Department Chair	Bonnie Schillinger		12/1/14
AVP Academic & Student Affairs	Dr. Philip Parnell		12-1-14
University	Name	Signature	Date
Department Chairperson	Pam McGee		12/10/14
Academic Dean	Dr. Marsha Weber		12-16-14
Chief Academic Officer	Dr. Michelle Malott		12/15/14
DARS Encoder	Tara Spletstoser		2/4/15
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			