

MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN

Mesabi Range College
AND
Bemidji State University

*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 Mesabi Range College (hereinafter sending institution), and Bemidji State University (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 **Construction Management, A.S.** (hereinafter sending program), and the receiving institution has established a **Project Management, B.S, major, Construction and Facility Management Emphasis** (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, including grade requirements for courses and an overall GPA requirement.

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 9/15/2016 and shall remain in effect until the end date of 9/14/2021 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 3/14/2021 (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.

September 15, 2016

PROGRAM ARTICULATION TABLE

Check if the sending program or receiving program is new.

	College (sending)	University (receiving)
Institution	Mesabi Range College	Bemidji State University
Program name	Construction Management	Project Management B.S. <i>major</i> , Construction and Facility Management Emphasis
Award Type (e.g., AS)	A.S.	B.S.
Credit Length	60	120
CIP code (6-digit)	52.2001	15.1501
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						
ECON 1556 Principles of Economics: Micro	5,8	3	ECON 2000 Macroeconomics	5, 8	3	Equiv
ENGL 1511 College Writing I	1	4	ENGL 1151 Composition	1	4	Equiv
ENGL 1532 Technical Writing	1	3	ENGL 2150 Technical Writing	1, 11	3	Equiv
MATH 1556 Survey of Calculus	4	4	MNTC Goal 4 Elective	4	4	
PHIL 1551 Introduction to Ethics	6, 9	3	PHIL 2220 Ethics	6, 9	3	Equiv
PHYS 1561 College Physics I	3	4	PHYS 1101 General Physics	3	4	Equiv
PSYC 2551 General Psychology	5	4	PSY 1100 Introductory Psychology	5	4	Equiv
SPCH 1565 Interpersonal Communication	1	3	SPCM 1090 Interpersonal Communication	1	3	Equiv
MNTC Electives	6, 8	2	MNTC Goal 6,8 Electives	6, 8	2	
MnTC/General Education Total		30				

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

Special Notes, if any: It is recommended that students intending to transfer to Bemidji State University's Project Management program check with an advisor about the best course selection options.

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				
CMSV 2870 Construction Management	3	TADT 1210 Introduction to Manufacturing Processes I	3	Equiv
CMSV 2890 Building Organization & Technology	3	TADT 1220 Introduction to Manufacturing Processes II	3	Equiv
CMSV 2100 Soils and Concrete Technology	3	TADT 2877 Engineering Problem Solving	3	Equiv
CMSV 2875 Mechanical and Electrical Systems	4	General Elective Credit	4	
CMSV 2885 Construction Estimating	4	TADT 3260 Project Bidding and Estimating	3	Equiv
CMSV 2900 Construction Scheduling	3	BUAD 2220 Legal Environment	3	Waiv
ENGR 1355 Engineering Drafting	3	TADT 1460 2D Graphics and Etching	3	Equiv
ACCT 2691 Principles of Accounting I	4	ACCT 1101 Principles of Accounting	4	Equiv
BUS 2675 Principles of Management	3	BUAD 2280 Business Computer Applications	3	Waiv
Restricted elective credits - list courses (if none enter 0)				
Unrestricted elective credits (if none enter 0)		College's unrestricted elective credits accepted in transfer (if none enter 0)	1	
Major, Emphasis, Unrestricted Electives Total	30	Total College Credits Applied (sum of sections A and B)	60	

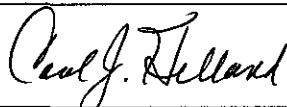

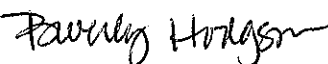
SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
Complete all remaining MnTC / liberal education goal areas	12
TADT COMMON CORE 18 credits	
TADT 1111 Introduction to Project Management	3
TADT 3267 Economic and Cost Analysis	3
TADT 3970 Internship	1
TADT 4385 Sustainability and Emerging Technologies	3
TADT 4873 Emphasis Related Capstone	3
TADT 4878 Quality Assurance	3
TADT 4970 Internship	2
Remaining Project Management Core 18 credits	
TADT 3112 Leadership in a Team Environment	3
TADT 3885 Technical Sales and Service Training	3
TADT 4875 Facilities Management	3
TADT 4893 Applied Project Management	3
Remaining Construction and Facility Management Emphasis 18 credits	
BUAD 3677 Principles of Real Estate	3
TADT 2250 Built Environment	3
TADT 2252 Construction Materials and Methods	3
TADT 3250 Print Reading and Documentation	3
TADT 3887 Safety and Risk Management	3
TADT 4259 Construction Management	3
University unrestricted elective credits not counted elsewhere (if none enter 0)	
Total Remaining University Credits²	60

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	30		
Major, Emphasis, Unrestricted Electives or Other	30		
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: 1 credit of internship can be completed between Sophomore and Junior year, 2 credits of internship between Junior and Senior Year.			

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			
Provost and Chief Academic Officer	Carol Helland		11-15-2016
Title			
University	Name	Signature	Date
Chief Academic Officer			
Provost & Vice President of Academic Affairs	Dr. Michael Anderson		10-14-16
Title			
DARS Encoder	Bev Hodgson		9/20/16
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			