MINNESOTA STATE COLLEGES AND UNIVERSITIES* TRANSFER AGREEMENT BETWEEN	Dakota County Technical 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 Dakota County Technical College, 1300 145th Street East Rosemount, Minn. 55068 (hereinafter sending institution), and Bemidji State University, 1500 Birchmont Drive NW Bemidji, MN 56601 (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. (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 12/01/2018 and shall remain in effect until the end date of 12/01/2023 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 6/01/2023 (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.

April 7, 2015

PROGRAM ARTICULATION TABLE

Check if the sending program ____ or receiving program ____ is new.

	College (sending)	University (receiving)
Institution	Dakota County Technical College	Bemidji State University
Program name	Construction Management	Project Management (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 1100 Microeconomics	5,8	3	ECON 2000 Macroeconomics	5, 8	3	Equiv
ENGL 1150 Composition	1	3	ENGL 1151 Composition	1	3	Equiv
ART 1310 History of Architecture	6	3	MnTC Equivalent Course	6	3	Equiv
MATS 1300 College Algebra	4	4	MATH 1170 College Algebra	4	4	Equiv
PHIL 1100 Ethics	6, 9	3	PHIL 2220 Ethics	6, 9	3	Equiv
PHYS 1100 College Physics I	3	4	PHYS 1101 General Physics	3	4	Equiv
PSYC 1105 General Psychology	5	4	PSY 1100 Introductory Psychology	5	4	Equiv
SPEE 1020 Interpersonal Communication	1	3	MnTC Equivalent Course	1	3	Equiv
MnTC Goal Area 1 Course	1	3	MnTC Equivalent Course	1	3	Equiv
MnTC/General Education Total		30				

Special Notes, if any: Students may complete liberal education requirements at the college or university.

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

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). <u>Restricted electives (in Major)</u> 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).

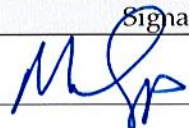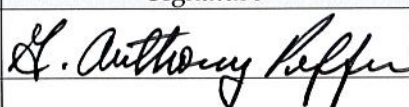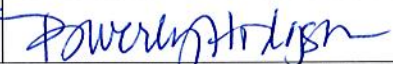| Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
CMSV 2875 Mechanical and Electrical Systems	4	TADT 1220 Intro to Manufacturing Processes II	3	Equiv
CMSV 2890 Building Organization and Technology	3	TADT 2252 Construction Materials and Methods	3	Equiv
CMSV 2885 Construction Estimating	4	TADT 3260 Project Bidding & Estimating (3 Cr)	3	Equiv
ACCT 1010 Principles of Financial Accounting I	4	ACCT 2101 Principles of Accounting I (3 Cr) and General Elective Credit (1 Cr)	4	Equiv
CMSV 1200 Construction Graphics	3	TADT 1460 2D Graphics And Laser Etching	3	Equiv
BUSN 1110 Business Law and Ethics	3	BUAD 2220 Legal Environment	3	Equiv
Choose 9 Cr. of CMSV Electives:	**9**	**Equivalent/Substitute Courses**	**9**	
CMSV 2860 Construction Plan Reading (2 CR)		TADT 3250 Print Reading and Project Documentation (3 Cr)		Equiv
CMSV 2970 Construction Management Internship (3 Cr)		TADT 3970 Internship (1 Cr) and TADT 4970 Internship (2 Cr)		Equiv
CMSV 2900 Construction Scheduling (3 Cr)		TADT 1210 Introduction to Manufacturing Processes I (3 Cr)		Sub
CMSV 2870 Construction Management (3 Cr)		TADT 2877 Engineering Problem Solving		Sub
CMSV 2850 Construction Safety (2 Cr) and CMSV 2690 Construction Management Field Project (1 Cr)		TADT 3887 Safety and Risk Management		Equiv
CMSV 2100 Soils & Concrete Technology (4 Cr)		General Elective Credit		
Major, Emphasis, Unrestricted Electives Total	**30**	**Total College Credits Applied (sum of sections A and B)**	**60**	

Special Notes: Students should choose CMSV Elective credits courses with equivalencies or substitutions as demonstrated above. CMSV Courses not articulated in section B, will need to be taken at the university. TADT 3250, 3970, 4970, and 3887 if articulated, count towards the university's upper division requirements.

SECTION C - Remaining University (receiving) Requirements

	course prefix, number and name	Credits
	Credits to complete Liberal Ed./MnTC Requirements	14
	TADT Common Core 15-18 Cr	
	TADT 1111 Introduction to Project Management	3
	TADT 3267 Economic and Cost Analysis	3
	TADT 4385 Sustainability and Emerging Technologies	3
	TADT 4873 Emphasis Related Capstone	3
	TADT 4878 Quality Assurance	3
	TADT 3970 Internship	0-1
	TADT 4970 Internship	0-2
	PROJECT MANAGEMENT CORE COURSES 12-15 Cr	
	BUAD 2280 Computer Business Applications	3
	TADT 2877 Engineering Problem Solving	0-3
	TADT 3112 Leadership in a Team Environment	3
	TADT 3885 Technical Sales, Service and Training	3
	TADT 4875 Facilities Management	3
	TADT 4893 Applied Project Management	3
	Construction & Facility Management Emph. 9-18 Cr	
	BUAD 3677 Principles of Real Estate	3
	TADT 1210 Introduction to Manufacturing Processes I	0-3
	TADT 2250 Built Environment	3
	TADT 3250 Print Reading and Project Documentation	0-3
	TADT 3887 Safety and Risk Management	0-3
	TADT 4259 Construction Management	3
	Total Remaining University Credits[2]	60

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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:			

[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	Michael Opp	*(signature)*	7/15/19
Vice President of Academic & Student Affairs			
Title			
University	**Name**	**Signature**	**Date**
Chief Academic Officer	Dr. Anthony Peffer	*(signature)* L. Anthony Peffer	6/25/19
Provost			
Title			
DARS Encoder	Beverly Hodgson	*(signature)* Beverly Hodgson	6/10/19

Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.

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