MINNESOTA STATE COLLEGES AND UNIVERSITIES* ARTICULATION AGREEMENT BETWEEN	North Dakota State College of Science 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 **North Dakota State College of Science** (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 Technology AAS** (hereinafter sending program), and the receiving institution has established a **Project Management (Construction and Facility Management Emphasis) 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, including grade requirements for courses and an overall GPA requirement.

Transfer of Credits

A. The receiving institution will accept 75 credits from the sending program. A total of 67 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 5/22/2018 and shall remain in effect until the end date of 5/21/2023 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 11/21/2022 (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

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

	College (sending)	University (receiving)
Institution	North Dakota State College of Science	Bemidji State University
Program name	Construction Management Technology	Project Management (Construction Management)
Award Type (e.g., AS)	AAS	BS
Credit Length	75	120
CIP code (6-digit)	15.1001	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						
COMM 110 Fundamentals of Public Speaking	1	3	COMM 1100 Public Speaking	1	3	Equiv
ENGL 110 College Composition I	1	3	ENGL 1151 Composition	1	3	Equiv
ENGL 105 Technical Communications (3 Cr) or ENGL 120 College Composition II (3 Cr) or ENGL 125 Intro to Professional Writing (3 Cr)	1	3	ENGL 2150 Technical Writing ENGL 2152 Argument and Exposition General Elective Credit	1 1 NA	3	Equiv
MATH 132 Technical Algebra I (2 Cr) and MATH 136 Technical Trigonometry (2 Cr)	4	4	MATH 1100 Mathematical Reasoning (3 Cr)	3	4	Equiv
MnTC/General Education Total		13				

Special Notes, if any: Remaining liberal education requirements for a bachelor's degree may be completed at the college or university. Students planning to transfer to BSU should take ENGL 120 or ENGL 105 rather than ENGL 125

[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). 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				
ARCT 121 Revit Architecture	2	TADT 1460 2D Graphics And Laser Etching (3 cr)	2	Sub
ARCT 144 Construction Estimating I	3	General Elective Credit	3	
ARCT 231 Commercial Methods and Materials (3 Cr) and CMT 130 Green Building Fundamentals (2 Cr)	4	TADT 2252 Const. Materials and Methods (3 Cr) and TADT 3970 Internship (1 Cr) and General Elective Credit (1 Cr)	4	Equiv
ARCT 241 Construction Estimating II	3	General Elective Credit	3	
ARCT 242 Construction Estimating III	3	TADT 3260 Project Bidding and Estimating	3	Equiv
BCT 140 Residential Print Reading	2	General Elective Credit	2	
BCT 220 Project Supervision	3	BUAD 2220 Legal Environment	3	Sub
BCT 222 Construction Safety	2	General Elective Credit	2	
BCT 240 Commercial Print Reading	3	TADT 3250 Print Reading and Project Documentation	3	Equiv
CMT 225 Mechanical & Electrical Systems	2	General Elective Credit	2	
CMT 251 Construction Documents and Specifications	3	TADT 1210 Introduction to Manufacturing Processes I	3	Equiv
CMT 252 Project Management	3	TADT 1111 Introduction to Project Management	3	Equiv
CMT 253 Construction Scheduling	3	TADT 1220 Introduction to Manufacturing Processes II	3	Sub
CMT 297 Cooperative Education	2	General Elective Credit	2	
CT 132 Materials Testing/Quality Control	4	General Elective Credit	4	
Survey elective (choose one) CMT 120 Surveying Fundamentals (2 Cr) BCT 224 Building Layout (2 Cr)	2	TADT 2250 Built Environment	3	Equiv
Residential Materials elective (choose one) BCT 133 Carpentry Fundamentals (3 Cr) ARCT 133 Residential Methods and Materials (3 Cr)	3	General Elective Credit	3	
Business/Technical electives *(5 credit minimum)* ACCT 200 Elements of Accounting I (4 Cr) BADM 202 Principles of Management (3 Cr) BADM 240 Sales (3 Cr) BADM 281 Organizational Behavior (3 Cr) BADM 282 Human Resource Management (3 Cr) BUSN 120 Fundamentals of Business (3 Cr) CAD 120 Introduction to AutoCAD (3 Cr) CMT 121 Plane Surveying (2 Cr) CMT 165 Residential Project Experience (1 Cr) CMT 265 Residential Project Experience (1 Cr) CT 111 Civil Plans and Specifications (2 Cr) UAS 111 Into to UAS (2 Cr) UAS 112 Unmanned Aerial Systems Certification (1 Cr)	5	ACCT 1101 Principles of Accounting I (3 Cr) General Elective Credit (3 Cr) General Elective Credit (3 Cr) General Elective Credit (3 Cr) General Elective Credit (3 Cr) General Elective Credit (3 Cr) General Elective Credit (2 Cr) General Elective Credit (1 Cr) General Elective Credit (1 Cr) General Elective Credit (2 Cr) General Elective Credit (2 Cr) General Elective Credit (1 Cr)	5	Sub
CSCI 116 Business Use of Computers	3	BUAD 2280 Computer Business Applications	3	Sub
FYE 101 Science of Success	1	General Elective Credit	1	
HPER 210 First Aid and CPR	2	General Elective Credit	2	
MATH 130 Technical Mathematics	2	General Elective Credit	2	
PSYC 100 Human Relations in Organizations	2	General Elective Credit	2	
Unrestricted elective credits (if none enter 0)		College's unrestricted elective credits accepted in transfer (if none enter 0)		
Major, Emphasis, Unrestricted Electives Total	62	**Total College Credits Applied (sum of sections A and B)**	75	

Special Notes: TADT 3250, TADT 3260 count toward the upper division 40 credit requirement. It is recommended NDSCS students take ACCT 200 Elements of Accounting at the College. Those not taking it will need to take ACCT 1101 at the university.

SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
Credits to complete liberal education Requirements	29
TADT Common Core	
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 4970 Internship	2
PROJECT MANAGEMENT CORE	
TADT 2877 Engineering Problem Solving	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 and Facility Management Emphasis	
BUAD 3677 Principles of Real Estate	3
TADT 3887 Safety and Risk Management	3
TADT 4259 Construction Management	3
Total Remaining University Credits[2]	67

Special Notes, if any:

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	13		
Major, Emphasis, Unrestricted Electives or Other	62		
Total College Credits	75	**Total College Credits Applied**	75
		Remaining credit to be taken at the university (receiving institution)	67
		Total Program Credits	142

[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	Harvey Link	Harvey Link	9/10/18
VPAA Title			
University	Name	Signature	Date
Chief Academic Officer	G. Anthony Peffer	G. Anthony Peffer	8/14/18
Provost & VPASA Title			
DARS Encoder	DW Hodgson	DW Hodgson	8.6.18
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			