MINNESOTA STATE COLLEGES AND UNIVERSITIES* ARTICULATION AGREEMENT BETWEEN	ANOKA 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 ANOKA 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 the following programs:

Architectural Technology AAS, 60 credits 15.130300

Automotive Technician AAS, 72 credits 47.060400

CNC Manufacturing Technology, AAS 69 credits 48.050102

Health Information Technology, AAS 64 credits 51.070700

Mechanical Drafting & Design AAS, 69 credits 15.130603

Network Management & Security AAS, 72 credits 15.120505

Robotic & Electronic Engineering Technology AAS, 72 credits 15.0303

Software Development AAS, 72 credits 15.120207

Special Electronics Technician AAS, 72 credits 15.0303

Surgical Technology AAS, 60 credits 51.090900

Turf & Golf Course Management AAS, 69 credits 01.060713

Web Design & Development AAS, 72 credits

Welding AAS, 66 credits 48.0508

(hereinafter sending program), and the receiving institution has established an Operations Management: Emphasis in Technical 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 58 - 63 credits from the sending program. A total of 60 – 63 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 10/30/2020 and shall remain in effect until the end date of 10/30/2025 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 04/30/2025 (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	ANOKA TECHNICAL COLLEGE	MINNESOTA STATE UNIVERSITY MOORHEAD
Program name	Architectural Technology AAS, 60 credits 15.130300 Automotive Technician AAS, 72 credits 47.060400 CNC Manufacturing Technology, AAS 69 credits 48.050102 Health Information Technology, AAS 64 credits 51.070700 Mechanical Drafting & Design AAS, 69 credits 15.130603 Network Management & Security AAS, 72 credits 15.120505 Robotic & Electronic Engineering Technology AAS, 72 credits, 15.0303 Software Development AAS, 72 credits 15.120207 Special Electronics Technician AAS, 72 credits, 15.0303 Surgical Technology AAS, 60 credits 51.090900 Turf & Golf Course Management AAS, 69	Operations Management

	credits 01.060713 Web Design & Development AAS, 72 credits Welding AAS, 66 credits 48.0508	
Award Type (e.g., AS)	AAS	BS
Credit Length	(See above.)	120
CIP code (6-digit)	(See above.)	52.020500
Describe program admission requirements (if any)		AAS with 30+ prescribed technical credits, as prescribed by program's accrediting board, The Association of Technology, Management, and Applied Engineering (ATMAE)

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							
General Education Requirements At least three (3) of the (10) goal areas of the MNTC are met Architectural Technology, 15 cr Automotive Technician, 15 cr CNC Manufacturing Technology, 15 cr Health Information Technology, 15 cr Mechanical Drafting & Design, 15 cr Network Management & Security, 15 cr Robotic & Electronic Engineering Technology 15 cr Software Development AAS, 15 cr Special Electronics technician AAS, 15 cr Surgical Technology AAS, 19 cr Turf & Golf Course Management AAS,	1 – 10	15 - 19	MNTC General Education courses		1 - 10	15 – 19	

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

	15 cr Web Design & Development AAS, 15 cr Welding AAS, 15 cr							
	HLTH 1000 Disease Conditions (2), HLTH 1005 Anatomy & Physiology (4), HLTH 1040 Medical Terminology (2), MATH 1070 Technical Mathematics I (3), MATH 1080 Technical Mathematics II (2)			Not Applicable			0	
	MnTC/General Education Total		15 - 19					

Special Notes, if any: *Students should work with their advisor at Anoka Tech and also MSU Moorhead to choose best general education courses to take at MSCTC. MSUM will accept other MnTC credits within the AAS and will transfer the same number of credits and goal areas Anoka Technical College awards. Examples:
ENGL 1107 Composition (4 cr) is equivalent to MSUM ENGL 101 English Composition I, Goal 1, 2.
ENGL 2105 Business & technical Writing (4 cr) transfers as Goals 1, 2.
SPCH 1120 Public Speaking (3 cr) is equivalent to MSUM COMM 100, Goal 1.
SPCH 1200 Interpersonal Communications (3 cr) transfers as Goals 1, 7.
BIOL 1106 Intro to Biology (4 cr) transfers as Goal 2, 3.
BIOL 2100 Anatomy & Physiology (4 cr) transfers as Goal 2, 3
INTS 1000 Critical Thinking Apps (3 cr) transfers as Goal 2.
MATH 1500 Mathematical Ideas (3 cr) transfers as Goal 4.
MATH 1600 College Algebra (4 cr) is equivalent to MSUM MATH 127 College Algebra, Goal 4.
MATH 1650 College Trigonometry (3 cr) transfers as Goal Area 4
MATH 1550 Intro to Statistics (4 cr) is equivalent to MSUM MATH 234 Probability & Statistics, Goal 4.
NSCI 1020 Plant Science (3 cr) transfers as Goal 3, 10.
PHIL 1200 Technology, Ethics & Society transfers as Goal 9.
PSYC 1505 General Psychology (4 cr) is equivalent to MSUM PSY 113 General Psychology, Goal 5.
SOSC 1010 Intro to Sociology (4 cr) is equivalent to MSUM SOC 110 Intro to Sociology, Goal 5, 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						
	Technical credits as prescribed in program Architectural Technology, AAS, 45 cr Automotive Technician, AAS, 57 cr CNC Manufacturing Technology, AAS, 54 cr Health Information Technology, AAS, 43 cr Mechanical Drafting & Design, 49 cr Network Management & Security, AAS, 57 cr Robotic & Electronic Engineering Technology, AAS, 57 cr Software Development AAS, 57 cr Special Electronics Technician AAS, 57 cr Surgical Technology AAS, 41 cr Turf & Golf Course Management AAS, 54 cr Web Design & Development AAS, 57 cr Welding AAS, 51 cr		Technical Credits as prescribed in the program Additional credits up to 18 will be applied as unrestricted elective credits*		30 Up to 18	

Major, Emphasis, Unrestricted Electives Total	41 - 57	**Total College Credits Applied (sum of sections A and B)**	58 – 63		

Special Notes: * No more than 48 technical credits will be applied as elective credit. If the program doesn't have that many technical credits, the lower number of credits will be applied.

SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
Gen Ed/ LASC goal areas and credits*	14 - 18
MATH 127 College Algebra (Goal 4)	3
MATH 234 Intro to Probability & Statistics (Goal 4)**	3
ECON 202 Principles of Econ I: Micro (Goal 5)	3
MGMT 260 Principles of Management	3
OM 380 Methods Improvement	3
OM 393 Occupational Safety & Health	3
OM 395 Computer Applications for Technologists	3
OM 469 Internship	3
OM 470 Purchasing & Sourcing Management	3
OM 482 Quality Planning & Implementation	3
OM 483 Cost Analysis	3
OM 485 Production & Inventory Management	3
PMGT 300 Project Management & Scheduling	3
PMGT 385 Process Leadership	3
ACCT 230 Principles of Accounting I	3
General Elective (If needed to bring total credits to 120)	0 - 1
Total Remaining University Credits[2]	60 - 63

Special Notes, if any: * MnTC/ LASC goal areas must be met and 42 credits earned. Equivalent courses can be taken at Anoka Tech (see Section A Notes). **Not required if equivalent was taken as part of the program at Anoka Tech.

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	15 - 19		
Major, Emphasis, Unrestricted Electives or Other	41- 57		
Total College Credits	60 - 72	**Total College Credits Applied**	58 - 63
		Remaining credit to be taken at the university (receiving institution)	60 - 63
		Total Program Credits	120 – 126

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	Elaina Bleifield		11/12/2020

Academic Dean DARS Encoder	Frank Plachecki Linda Eischens	Frank J. Plachecki, Ph.D. Linda Eischens	11-12-20 11/12/20
University	Name	Signature	Date
Department Chairperson	Pam McGee	Pam McGee	12/20/2020
Academic Dean	Josh Behl		1/4/2021
Chief Academic Officer	Arrick Jackson		01/22/21
DARS Encoder	Jolene Richardson	Jolene Richardson	1/28/21
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			