

**MINNESOTA STATE COLLEGES AND  
UNIVERSITIES\*  
ARTICULATION AGREEMENT  
BETWEEN**

**MINNESOTA STATE COMMUNITY AND  
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 MINNESOTA STATE COMMUNITY AND 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:

**DENTAL ASSISTING AAS, 63 credits**

**DENTAL HYGIENE AAS, 88 CR**

**MEDICAL LABORATORY TECHNOLOGY AAS, 60 CR**

**RADIOLOGIC TECHNOLOGY AAS, 79 CR**

**SURGICAL TECHNOLOGY AAS, 60 CR**

(hereinafter sending program), and the receiving institution has established a **HEALTHCARE MANAGEMENT & LEADERSHIP 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 **48-55 credits** from the sending program. A total of **69-77 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 **05/15/2024** and shall remain in effect until the end date of **05/15/2029** 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 **11/15/2028** 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.

<b>PROGRAM ARTICULATION TABLE</b>		
	<b>College (sending)</b>	<b>University (receiving)</b>
<b>Institution</b>	MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE	MINNESOTA STATE UNIVERSITY MOORHEAD
<b>Program name</b>	DENTAL ASSISTING AAS, 63 credits, 51.0601 DENTAL HYGIENE AAS, 88 CR, 51.0602 MEDICAL LABORATORY TECHNOLOGY AAS, 60 CR, 51.1004 RADIOLOGIC TECHNOLOGY AAS, 79 CR, 51.0911 SURGICAL TECHNOLOGY AAS, 60 CR, 51.0909	HEALTH SERVICES ADMINISTRATION
<b>Award Type (e.g., AS)</b>	AAS	BS
<b>Credit Length</b>	60 - 88	120
<b>CIP code (6-digit)</b>	See above.	510701
<b>Describe program admission requirements (if any)</b>		
<p align="center"><b>Instructions</b></p> <ul style="list-style-type: none"> <li>• List all required courses in both academic programs.</li> <li>• MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution.</li> <li>• Do not indicate a goal area for general education courses that are not part of the MnTC.</li> <li>• For restricted or unrestricted electives, list number of credits.</li> <li>• 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.</li> <li>• Show equivalent university-college courses on the same row to ensure accurate DARS encoding.</li> <li>• 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.</li> </ul> <p align="center">(To add rows, place cursor outside of the end of a row and press enter.)</p>		
<b>SECTION A - Minnesota Transfer Curriculum-General Education</b>		
	<b>College (sending)</b>	<b>University (receiving)</b>

course prefix, number and name	Goal(s) <sup>1</sup>	Credits	course prefix, number and name	Goal(s) <sup>1</sup>	Credits Applied	Equiv Sub-Wav
<b>Minnesota Transfer Curriculum-General Education</b>						
General Education Requirements Dental Assisting AAS (21 cr) Dental Hygiene AAS (24 cr) Medical Laboratory Technology AAS (16 cr) Radiologic Technology AAS (16 cr) Surgical Technology AAS (21 cr)			MnTC General Education Courses	1 - 10	15 - 24	
<b>MnTC/General Education Total</b>		16 - 24				

**Special Notes:** MSUM will accept MnTC credits and will transfer the same number of credits and goal areas as M-State awards. Students should work with their advisor to choose the best general education courses.

Common course equivalencies:

CHEM 1100 Fund/ Concepts of Chemistry w Lab is equivalent to MSUM CHEM 110 and 110L

COMM 1120 Intro to Public Speaking is equivalent to MSUM COMM 100 Speech Communication (Goal 1).

ENGL 1101 College Writing is equivalent to MSUM ENGL 101 English Composition (Goal 1).

MATH 1100 College Algebra is equivalent to MSUM MATH 127 College Algebra (Goal 4).

PSYC 1200 General Psychology is equivalent to MSUM PSY 113 General Psychology (Goal 5).

SOC 1111 Intro to Sociology is equivalent to MSUM SOC 110 Intro to Sociology (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, microbiology, etc. which students can select).

<b>Major, Emphasis, Restricted, Unrestricted Electives or Other Courses</b>						
Elective credits as required in program Dental Assisting AAS (42 cr) Dental Hygiene AAS (64 cr) Medical Laboratory Technology AAS (44 cr) Radiologic Technology AAS (63 cr) Surgical Technology AAS (39 cr)			Electives		30 28 31 31 34 27	
DENT 1100 (3), DENT 1102 (2), DENT 1103 (2), DENT 1104 (1), DNAS 1122 (6), DNHY 1104 (1), DNHY 1106 (2), DNHY 1108 (2), DNHY 1109 (2), DNHY 1110 (2), DNHY 1112 (3), DNHY 1118 (2), DNHY 1119 (4), DNHY 1123 (5), DNHY 1124 (2) MLT 1110 (2), MLT 1115 (2), MLT 1123 (4), MLT 1130 (2), MLT 1215 (3), RADT 1102 (2), RADT 1112 (4), RADT 1116 (5), RADT 1124 (4), RADT 1132 (4), RADT 1180 (5), RADT 1190 (5), HLTH 1116 (3), SURT 1200 (3), SURT 1210 (6)			Not Applicable		0	
<b>Major, Emphasis, Unrestricted Electives Total</b>	39 - 64	<b>Total College Credits Applied (sum of sections A and B)</b>			48 - 55	

**Special Notes:**

## SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
MnTC/ LASC Goal Requirements *	10 - 18

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


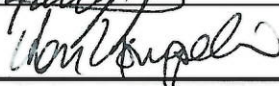


	HSAD 218 Introduction to Health Care and Global Health (Goal 8)	3
	HSAD 416 Health Services Leadership & Management	4
	HSAD 417 Quality Management in Health Care	3
	HSAD 420 Healthcare Policy and Economics (WI)	3
	HSAD 414 Healthcare Strategic Planning & Marketing	3
	HSAD 418 Health Care Law and Ethics	3
	HSAD 350 Evidence Based Program Planning & Research Methods	3
	HSAD 403 Health Informatics	3
	HSAD 419 Financial Management & Reimbursement Methods	3
	HSAD 326 Epidemiology & Introductory Biostatistics	3
	HSAD 400 Aging in United States: Introduction to Gerontology & Senior Support Care	3
	HSAD 468 Internship Seminar	1
	HSAD 469 Internship	3
	OM 380 Methods Improvement	3
	ACCT 230 Principles of Accounting I	3
	HSAD 422 Regulatory Methods in Health Care	3
	MGMT 440 Human Resource Management OR HSAD 440 Talent Management in He	3
	MGMT 451 Organizational Behavior OR PMGT 385 Process Leadership	3
	PMGT 300 Project Management & Scheduling	3
	PHIL 318 Professional Ethics (Goals 6, 9) (WI)	3
	<b>Total Remaining University Credits<sup>2</sup></b>	69 - 77

**Special Notes, if any:** \* MnTC goal areas must be met and at least 40 MnTC/ LASC credits earned. MKTG 270 Principles of Marketing (3) is waived with the completion of the AAS from M-State. Students can complete HSAD 218 for Goal area 8.

SECTION D - Summary of Total Program Credits			
College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	15		
Major, Emphasis, Unrestricted Electives or Other	49		
<b>Total College Credits</b>	60	<b>Total College Credits Applied</b>	48 - 55
		<b>Remaining credit to be taken at the university (receiving institution)</b>	69 - 77
		<b>Total Program Credits</b>	124 - 125
<b>Special Notes, if any:</b>			

<sup>2</sup> 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
<b>Vice President/Provost</b>	Matthew J. Borcharding		11/18/2024
<b>Academic Dean</b>	Ken Kompelien		11/19/24
University	Name	Signature	Date
Department Chairperson	Jitendra Singh		

Academic Dean	Elizabeth Nawrot		
Chief Academic Officer	Arrick Jackson		
DARS Encoder	Samantha Howard		
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			