

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

**NORTHLAND 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 **NORTHLAND 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 a **RADIOLOGIC TECHNOLOGY AAS (hereinafter sending program)**, and the receiving institution has established a **HEALTH SERVICES ADMINISTRATION 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 69 credits from the sending program. A total of 70 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 7/15/2019 and shall remain in effect until the end date of 7/15/2024 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 01/15/2024 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 | NORTHLAND COMMUNITY AND TECHNICAL COLLEGE | MINNESOTA STATE UNIVERSITY MOORHEAD |
| Program name | Radiologic Technology | Health Services Administration |
| Award Type (e.g., AS) | AAS | BS |
| Credit Length | 83 | 120 |
| CIP code (6-digit) | | 510701 |
| 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 | | | | | | |
| Communications Elective ENGL 1111 Composition I OR ENGL 1112 Composition II | 1, 2 | 3 | ENGL 101 English Composition | 1, 2 | 3 | Equiv |
| Humanities/ Fine Arts Elective PHIL 1102 Intro to Ethics OR PHIL 2210 Morals & Medicine | 2, 6, 9 | 3 | PHIL 318 Professional Ethics | 2, 6, 9 | 3 | Waive |
| BIOL 2252 Anatomy & Phys I | 3, 10 | 3 | Goal Areas 3, 10 | 3, 10 | 3 | |
| BIOL 2254 Anatomy & Phys II | 3, 10 | 3 | Goal Areas 3, 10 | 3, 10 | 3 | |
| CHEM 1020 Intro to Chemistry | 3 | 4 | CHEM 102 Environmental Chemistry | 3 | 4 | Equiv |
| MATH 1110 College Algebra | 4 | 3 | MATH 127 College Algebra | 4 | 3 | Equiv |
| PSYC 1105 Intro to Psychology | 5 | 3 | PSY 113 General Psychology | 5 | 3 | Equiv |
| MnTC/General Education Total | | 22 | | | | |

Special Notes: * Doesn't help fulfill the 40 upper division credit requirement.

SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

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

(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 | | | | |
|--|-----------|--|-----------|--|
| RADT 1122 Radiographic Physics | 3 | Electives | 47 | |
| RADT 1124 Radiographic Proc II | 4 | | | |
| RADT 1127 Image Production & Eval | 3 | | | |
| RADT 1128 Clinical Radiography II | 5 | | | |
| RADT 1135 Advanced Imaging | 2 | | | |
| RADT 1138 Clinical Radiography III | 6 | | | |
| RADT 2217 Imaging Equipment/ QA | 3 | | | |
| RADT 2218 Clinical Radiography IV | 8 | | | |
| RADT 2220 Radiation Biology/ Protect | 2 | | | |
| RADT 2228 Clinical Radiography V | 7 | | | |
| RADT 2234 Radiographic Pathology | 2 | | | |
| RADT 2240 Registry Prep | 2 | | | |
| Not Applicable: HLTH 1106 Medical Terminology (2), RADT 1110 Intro Rad Tech/ Pat Care (3), RADT 1114 Radiographic Proc I (4), RADT 1119 Clinical Radiography I (5) | 14 | Not Applicable | 0 | |
| Major, Emphasis, Unrestricted Electives Total | 61 | Total College Credits Applied (sum of sections A and B) | 69 | |

Special Notes:

SECTION C - Remaining University (receiving) Requirements



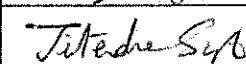



| course prefix, number and name | Credits |
|---|-----------|
| MnTC/ LASC Goal Requirements * | 17 |
| HSAD 218 Introduction to Health Care and Global Health (Goal 8) | 3 |
| HSAD 326 Epidemiology & Introductory Biostatistics | 3 |
| HSAD 350 Evidence Based Program Planning & Research Methods | 3 |
| HSAD 400 Aging in US: Intro to Gerontology & Senior Support | 3 |
| HSAD 403 Health Informatics | 3 |
| HSAD 414 Healthcare Strategic Planning & Marketing | 3 |
| HSAD 416 Healthcare Leadership & Management | 4 |
| HSAD 417 Quality Management in Health Care | 3 |
| HSAD 418 Health Care Law and Ethics | 3 |
| HSAD 419 Healthcare Finance & Reimbursement Methods | 3 |
| HSAD 420 Healthcare Policy and Economics (WI) | 3 |
| HSAD 468 Internship Seminar | 1 |
| HSAD 469 Internship | 3 |
| OM 380 Methods Improvement | 3 |
| HSAD 422 Regulatory Methods in Health Care | 3 |
| MGMT 440 Human Resource Management | 3 |
| MGMT 451 Organizational Behavior OR | 3 |
| PMGT 385 Process Leadership (WI) | |
| PMGT 300 Project Management & Scheduling | 3 |
| | |
| | |
| | |
| Total Remaining University Credits² | 70 |

Special Notes, if any: * MnTC goal areas must be met and at least 42 MnTC/ LASC credits earned. Either one LASC course should be writing intensive or the student should complete PMGT 385 to fulfill the writing intensive requirement. MKTG 270 and ACCT 230 are waived for students following this articulation agreement.

SECTION D - Summary of Total Program Credits

| College (sending) Credits | | University (receiving) Requirements | |
|--|-----------|---|------------|
| MnTC/General Education | 22 | | |
| Major, Emphasis, Unrestricted Electives or Other | 61 | | |
| Total College Credits | 83 | Total College Credits Applied | 69 |
| | | Remaining credit to be taken at the university (receiving institution) | 70 |
| | | Total Program Credits | 139 |
| 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 |
|------------------------|---------------------|--|-----------|
| Academic Dean | Jodi Stauss Stassen |  | 1.6.20 |
| Chief Academic Officer | Brian Huschle |  | 1.6.20 |
| University | Name | Signature | Date |
| Department Chairperson | Jitendra Singh |  | 1.10.20 |
| Academic Dean | Lisa Nawrot |  | 1/13/20 |
| Chief Academic Officer | Arrick Jackson |  | 1/14/2020 |
| DARS Encoder | Jolene Richardson |  | 1/14/2020 |

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