

## PROGRAM TO PROGRAM ARTICULATION AGREEMENT

Agreement with Respect to Applying the  
**MEDICAL LABORATORY TECHNOLOGY**  
**Associate of Applied Science Degree Program**  
Towards the  
**UPWARD MOBILITY PROGRAM**  
**MEDICAL LABORATORY SCIENCE MAJOR**  
**Bachelor of Science Degree Program**

Between  
MITCHELL TECHNICAL COLLEGE  
and  
SOUTH DAKOTA STATE UNIVERSITY

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### I. Parties

The parties to this agreement are Mitchell Technical College (MTC) and South Dakota State University (SDSU).

### II. Purpose

The purpose of this agreement is to:

- A. have a signed articulation agreement that addresses the varying needs of students and complementary nature of the institutions' programs;
- B. provide increased educational opportunities for students from South Dakota and the region;
- C. extend and clarify educational opportunities for students; and
- D. provide MTC students who have completed the A.A.S. degree in Medical Laboratory Technology an opportunity to earn a Bachelor of Science degree with a major in Medical Laboratory Science.

### III. Academic Program

- A. Upon successful completion of the major requirements specified in III.B., as indicated below, SDSU will accept **41** technical course credits from the A.A.S. degree in Medical Laboratory Technology coursework. These technical credits will be placed on the student's transcript as MLS 368: Technical Transfer credit consistent with the MLS Upward Mobility Program. Additional transferable general education credits may be earned at MTC, but no more than 60 credits total may be transferred from MTC to SDSU. General education coursework is in addition to the 41 technical course credits.

Students must meet all Board of Regents policies and university graduation requirements in order to receive a degree.

- B. Requirements to be completed at SDSU to earn a Bachelor of Science degree with a major in Medical Laboratory Science are outlined below.

Major Requirements for Upward Mobility Program: 40 credits

1. MLS312, MLT to MLS (3 credits)
2. MLS341, Diagnostic Microbiology I (3 credits)
3. MLS401, Hematology II/Hemostasis (3 credits)
4. MLS403, Diagnostic Immunology (3 credits)
5. MLS411, Clinical Chemistry II (3 credits)
6. MLS431, Principles of Immunohematology (2 credits)
7. MLS471, Advanced Medical Diagnostics (2 credits)
8. MLS451, Immunohematology II (2 credits)
9. MLS461, Management and Education (3 credits)
10. MLS441, Diagnostic Microbiology II (3 credits)
11. MLS468, Advanced Supervised Clinical Experience I: Phlebotomy, Immunology, Hematology (5 credits)
12. MLS469, Advanced Supervised Clinical Experience II: Microbiology, Molecular Diagnostics, Chemistry, and immunohematology (5 credits)
13. MLS483, Senior Capstone Clinical Experience (3 credits)

Required Support Courses: 20 credits

1. STAT281, Statistics (3 credits)
2. CHEM106-106L Chemistry Survey and Lab (3 credits, 1 credit)
3. CHEM108-108L Organic and Biochemistry and Lab (4 credits, 1 credit)
4. BIOL 221-221L Human Anatomy and Lab (4 credits)
5. BIOL 325-325L Physiology and Lab (4 credits)

NOTE: B.S. requires 120 credits for completion.

General Education Courses: 30 credits (This number can be reduced by completion of transferrable general education courses at MTC).

30 remaining credits must meet System General Education requirements selected from the approved list of courses specified in BOR policy 2:7.

**Total number of credits at SDSU: 79-82**

**Total number of credits from MTC: 38-41\***

**Total credits required: 120**

\*Transferable general education and support courses can be completed at MTC

Additional Requirements:

1. Students transferring from Mitchell Technical College must have a cumulative GPA of “C” (2.0 on a 4.0 scale) and no course grade below a “C” (2.0 on a 4.0 scale).
2. Students must apply and be accepted, based on current admissions standards, into the MLS professional program, prior to the start of MLS professional courses. Application process includes completion of the MLS formal application, two recommendations, and admission interview in accordance with the MLS program handbook.

**IV. Obligations**

Both parties agree to confer with each other on a yearly basis regarding changes in curricula involved in this articulation agreement.

**V. Modifications**

This agreement may be modified from time to time by the South Dakota Board of Regents and Mitchell Technical College with approval from the South Dakota Board of Education. Modifications may not diminish the entitlements enjoyed by students who have already attended classes delivered under the terms of earlier versions of the agreement, except in rare instances in which retroactive implementation of modifications may be required to comply with accreditation standards or to conform to professional licensure requirements.

**VI. Incorporation of terms in master agreement**

The parties have entered into the present agreement pursuant to the agreement of December 13, 2005 between the Mitchell Board of Education on behalf of Mitchell Technical College and the South Dakota Board of Regents on behalf of Black Hills State University, Dakota State University, Northern State University, the South Dakota School of Mines and Technology, South Dakota State University, and the University of South Dakota. This agreement shall be subject to all terms and conditions stated in the December 13, 2005 agreement.

**VII. Effective Date of Agreement**

Start Date of Fall 2020 Terms at MTC and SDSU. Students who have two years of work experience following completion of the MTC program and are employed in a clinical laboratory are eligible for the SDSU Upward Mobility on-line education program; however they may choose to complete the on-campus program.

**VIII. Acceptance of Agreement**

**For South Dakota State University**

  
\_\_\_\_\_ Date: 4/7/2021  
Dean, College of Pharmacy and Allied Health Professions

  
\_\_\_\_\_ Date: 4/7/2021  
Provost and Vice President for Academic Affairs

**For Mitchell Technical College**

  
\_\_\_\_\_ Date: 3/30/2021  
Vice President, Mitchell Technical College

  
\_\_\_\_\_ Date: 3/30/2021  
President, Mitchell Technical College