

## **PROGRAM TO PROGRAM ARTICULATION AGREEMENT**

Agreement with Respect to Applying the  
**AGRICULTURE: DAIRY OPTION**  
**Associate of Applied Sciences Degree Program**

Towards the  
**DAIRY PRODUCTION MAJOR**  
**Bachelor of Science Degree Program**

Between  
LAKE AREA TECHNICAL INSTITUTE  
and  
SOUTH DAKOTA STATE UNIVERSITY

### **I. Parties**

The parties to this agreement are Lake Area Technical Institute (LATI) 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 institution's 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 LATI students who have completed the A.A.S. degree in Agriculture (Dairy Option) an opportunity to earn a Bachelor of Science degree with a major in Dairy Production.

### **III. Academic Program**

- A. Upon successful completion of the major requirements specified in III.B. below, SDSU will accept **36** technical course credits from the A.A.S. degree in Agriculture (Dairy Option) for students majoring in Dairy Production. Students must successfully complete the A.A.S. degree in Agriculture (Dairy Option) from LATI prior to transferring to SDSU for the technical course credits to be accepted. General Education coursework completed at LATI is in addition to the 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 Dairy Production are outlined below.

Major requirements: 33 credits

1. VET 2231223L, Anatomy and Physiology of Livestock & Lab (4 credits)
2. AS 323, Advanced Nutrition (3 credits)
3. AS 433/433L, Livestock Reproduction and Lab (3 credits)
4. DS 202, Dairy Products Judging (1 credit)
5. DS 212, Dairy Cattle Evaluation (2 credits)
6. DS 301/301L, Dairy Microbiology and Lab (3 credits)
7. DS 411-411L, Dairy Breeds and Breeding and Lab (3 credits)
8. DS 412/412L, Dairy Farm Management and Lab (4 credits)
9. DS 413, Physiology of Lactation (3 credits)
10. DS 432, Dairy Cattle Feeding (3 credits)
11. DS 490, Dairy Seminar (1 credit) -meets Advanced Writing requirement
12. DS 496, Dairy Field Experience (3 credits)

Required Support Courses: minimum 18 credits

1. BIOL 101-101L Biology Survey I and Lab (3 credits)
2. CHEM 108/108L, Organic and Biochemistry and Lab (5 credits); OR CHEM 120/120L, Elementary Organic Chemistry and Lab (4 credits)
3. PHYS 101/101L, Survey of Physics and Lab; OR PHYS 111-111L, Introduction to Physics I and Lab; OR PHYS 211-221L, University Physics and Lab (4 credits)
4. MICR 231/231L, General Microbiology and Lab (4 credits)
5. BIOL 371, Genetics (3 credits); OR AS 332 Livestock Breeding and Genetics (4 credits)

System & Institutional General Education Graduation Requirements (SGR & IGR):  
minimum 33 credits

Goal #1: Written Communication:

- ENGL 101, Composition I (3 credits)
- ENGL 201, Composition II (3 credits)

Goal #2: Oral Communication: SPCM 101, Fundamentals of Speech (3 credits)

Goal #3: Social Sciences/Diversity

- ECON 202, Microeconomics (3 credits)

Additional course from the approved list in SDSU Bulletin (3 credits; course must have non-ECON prefix)

Goal #4: Arts and Humanities/Diversity (6 credits from list in SDSU Bulletin)

Goal #5: Mathematics: Math 102, College Algebra, or Math 115 Precalculus, or higher (3 credits)

Goal #6: Natural Sciences

CHEM 106/106L, Chemistry Survey and Lab, or CHEM 112-112L, General Chemistry I and Lab (4 credits)

- BIOL 103-103L, Biology Survey II and Lab (3 credits)

IGR Goal #1: DS 109, First Year Experience (2 credits)

IGR Goal #2: Met by completion of the A.A.S. degree coursework in Agriculture at LATI.

\*Advanced Writing requirement met by completion of DS 490, Seminar.

\*\*Globalization requirement met by completion of ECON 202

**Total minimum number of credits at SDSU: 84 \*\*\***

**Transfer block credits from LATI: 36\*\*\***

**Total credits required: 120**

\*\*\* Transferable general education course credits can be completed at LATI, which would be in addition to the 38 block credits and would reduce the number of credits at SDSU. However, no more than 60 credits total can be transferred from LATI to SDSU.

Additional requirements:

1. Students transferring from Lake Area Technical Institute 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. in accordance with BOR policy 2:28, students must demonstrate satisfactory performance in writing, mathematics, reading and science reasoning as evidenced by receiving a passing score on all sections of the Collegiate Assessment of Academic Proficiency (CAAP) exam. The exam must be taken during the first semester of enrollment at SDSU.

#### **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 Lake Area Technical Institute 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 14, 2004, between the Watertown Board of Education on behalf of Lake Area Technical Institute and the South Dakota

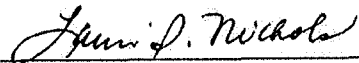
Board of Regents on behalf of Black Hills State University, Dakota State University, Northern State University, South Dakota School of Mines & Technology, South Dakota State University, and the University of South Dakota. This agreement shall be subject to all terms and conditions stated in the December 14, 2004 agreement.

**VII. Effective Date of Agreement**

Start Date of Fall 2013 Terms at LATI and SDSU. The agreement applies to students who graduated from LATI within the 10 years immediately prior to application and admission into SDSU.

**VIII. Acceptance of Agreement**

For South Dakota State University:



Date: 2-21-2013

Dr. Laurie Nichols  
Provost and Vice President for Academic Affairs

For Lake Area Technical Institute:



Date: 20 February 2013

Ms. Deb Shephard  
President