

# PROGRAM TO PROGRAM ARTICULATION AGREEMENT

with Respect to Applying the

**AGRIBUSINESS TECHNOLOGY**  
**Or**  
**AGRICULTURE PRODUCTION TECHNOLOGY**  
**Associate in Applied Science Degree Program**

Towards the  
**AGRICULTURAL SCIENCE MAJOR**  
**Bachelor of Science Degree Program**

Between  
IOWA LAKES COMMUNITY COLLEGE (ILCC)  
and  
SOUTH DAKOTA STATE UNIVERSITY (SDSU)

## I. Parties

The parties to this agreement are South Dakota State University (SDSU), Brookings, SD and Iowa Lakes Community College (ILCC), Emmetsburg, IA (additional campuses in Algona, Estherville, Spencer, and Spirit Lake).

## II. Purpose

The purpose of this agreement is to:

- A. have a signed agreement that addresses the varying needs of students and complementary nature of the institutions' programs;
- B. provide increased educational opportunities for students from the region;
- C. extend and clarify educational opportunities for students; and
- D. provide ILCC students who have completed the A.A.S. degree in Agribusiness Technology or Agriculture Production Technology an opportunity to earn a Bachelor of Science degree with a major in Agricultural Science.

## III. Academic Program

- A. Upon successful completion of the major requirements specified below, SDSU will accept 60 course credits from the A.A.S. degree in Agribusiness Technology or Agriculture Production Technology for students majoring in Agricultural Science. Students must successfully complete the A.A.S. degree in Agribusiness Technology or Agriculture Production Technology from ILCC prior to transferring to SDSU for the course credits to be accepted. Students must meet all South Dakota 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 Agricultural Science are outlined below.

System General Education Graduation Requirements (SGR): minimum 31 credits required of which 6 credits are completed within the A.A.S. in Agribusiness Technology or Agriculture Production Technology at ILCC and 25 credits are completed at SDSU. If any of the requirements noted below as "met as ILCC" are not completed at ILCC, then the student will need to complete these requirements at SDSU or by transfer of approved equivalent courses.

### 1. Goal #1: Written Communication:

- ENGL 101, Composition I (3 credits) (met at ILCC)

- ENGL 201, Composition II (3 credits)
- 2. Goal #2: Oral Communication: SPCM 101, Fundamentals of Speech (3 credits) (met at ILCC)
- 3. Goal #3: Social Sciences/Diversity. Must complete 6 credits in 2 disciplines from the approved list in SDSU Bulletin. Must include ECON 201 or ECON 202\*
- 4. Goal #4: Arts and Humanities/Diversity (6 credits from 2 disciplines from list in SDSU Bulletin)
- 5. Goal #5: Mathematics: Math 102, College Algebra, or Math 115 Precalculus, or higher (3 credits)
- 6. Goal #6: Natural Sciences. Must include BIOL 101-101L, Biology Survey I and Lab (3 credits) and CHEM 106-106L, Chemistry Survey and Lab (4 credits)
- 7. Advanced Writing requirement met by completion of major requirements below.
- 8. \*Globalization requirement: one course from the Globalization list in the SDSU Bulletin must be completed (suggest ECON 202)

Institutional Graduation Requirements (IGR): minimum 5 credits of which 3 will be met at ILCC

1. IGR Goal#1: First Year Seminar. (2 credits from list in SDSU Bulletin; ABS 109 suggested)
2. IGR Goal#2: Met at ILCC

Major and Support Course Requirements: minimum 33 credits

1. BIOL 103-103L Biology Survey II and Lab (3 credits)
2. Science Elective. Choose from one of the following:
  - a. CHEM 108-108L, Organic and Biochemistry and Lab (5 credits)
  - b. CHEM 120-120L, Elementary Organic Chemistry and Lab (4 credits)
  - c. MICR 231-231L, General Microbiology and Lab (4 credits)
  - d. PHYS 101-101L, Survey of Physics I and Lab (4 credits)
3. Select One:
  - a. BIOL 371, Genetics (3 credits)
  - b. PS 383-383L, Principles of Crop Improvement and Lab (3 credits)
  - c. AS 332, Livestock Breeding and Genetics (4 credits)
4. AGECE 271-271L, Farm and Ranch Management and Lab (4 credits)
5. Ag Processing Elective. Select One:
  - a. AS 241-241L, Introduction to Meat Science and Lab (3 credits)
  - b. AS 285-285L, Livestock Evaluation and Marketing (3 credits)
  - c. AST 443-443L, Food Processing and Engineering Fundamentals and Lab (3 credits)
  - d. DS 231, Dairy Foods (3 credits)
  - e. PS 303-303L, Seed Technology and Lab (3 credits)
  - f. PS 308-308L, Grain Grading and Lab (3 credits)
  - g. PS 312, Grain and Seed Production and Processing (3 credits)
6. Capstone Elective. Choose one of the following (3-4 credits):
  - a. ABS 475-475L, Integrated Natural Resource Management and Lab (3 credits)
  - b. AGECE 421, Farming and Food Systems Economics (3 credits)
  - c. AS 474-474L, Cow/Calf Management and Lab (3 credits)
  - d. AS 477-477L, Sheep and Wool Production and Lab (3 credits)
  - e. AS 478-478L, Swine Production and Lab (3 credits)
  - f. AST 303-303L, Design Management Experience and Lab (3 credits)
  - g. DS 412-412L, Dairy Farm Management and Lab (4 credits)
  - h. PS 440-440L, Crop Management with Precision Farming and Lab (3 credits)
  - i. RANG 485-485L, Advanced Integrated Ranch Management and Lab (3 credits)
7. Communication Elective (Meets the Advanced Writing Requirement). Select one from the following (3 credits):

- a. ABS 475-475L, Integrated Natural Resource Management and Lab (3 credits)
  - b. ENGL 379, Technical Communication (3 credits)
8. Program Electives as needed to reach 120 credit hours total needed for graduation

**Total minimum number of credits at SDSU: 60 \*\*\***

**Transfer block credits from ILCC: 60**

**Total credits required: 120**

\*\*\* Additional transferable general education course credits could be completed at ILCC, and would reduce the number of general education credits at SDSU. However, no more than 60 credits total can be transferred from ILCC to SDSU.

Additional requirements:

- a. Students transferring from ILCC must have a cumulative GPA of "C" (2.0 on a 4.0 scale). Any course taken at ILCC with a grade below a "C" (2.0 on a 4.0 scale) must be retaken at SDSU if required for the SDSU Agricultural Science Major.
- b. 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 regular basis regarding changes in curricula involved in this articulation agreement.

#### **V. Modifications**

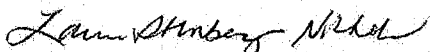
This agreement may be modified from time to time by the South Dakota Board of Regents and Iowa Lakes Community College. Modifications may not diminish the entitlements enjoyed by students who have already attended classes delivered under the terms of earlier versions of the agreement, except in rare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

#### **VI. Effective Date of Agreement**

This agreement will go into effect at the start of the Spring 2014 semester term at ILCC and SDSU.

#### **VII. Acceptance of Agreement**

For South Dakota State University:



Date: 9-21-2013

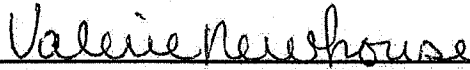
Dr. Laurie Nichols  
Provost and Vice President for Academic Affairs



Date: 7/19/14

Dr. Jack Warner  
Executive Director, South Dakota Board of Regents

For Iowa Lakes Community College:



Date: 9-15-13

President