

Program to Program Articulation Agreement

South Dakota State University (SDSU)
and
Mitchell Technical College (MTC)

Agreement with Respect to Applying the
PRECISION AGRICULTURE TECHNOLOGY
Associate of Applied Science Degree Program at MTC
Towards the
PRECISION AGRICULTURE MAJOR
Bachelor of Science Degree Program at SDSU

I. Parties

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

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 MTC students who have completed the AAS degree in Precision Agriculture Technology an opportunity to earn a Bachelor of Science degree with a major in Precision Agriculture at SDSU.

III. Academic Program

- A. Students must successfully complete the AAS degree in Precision Agriculture Technology from MTC prior to transferring to SDSU for this agreement to apply. Students must meet all South Dakota Board of Regents policies and university graduation requirements in order to receive a degree from SDSU. Requirements and policies may be found in the catalog website: <http://catalog.sdstate.edu/>.
- B. SDSU will accept a block of 41 credits from technical courses in the AAS degree in Precision Agriculture Technology for students majoring in Precision Agriculture. Additional credits could be earned for approved South Dakota Regental System General Education courses.
- C. Requirements to be completed to earn a Bachelor of Science degree with a major in Precision Agriculture at SDSU are outlined below.

System General Education Graduation Requirements (SGR): minimum 31 credits required.

1.Goal #1: Written Communication:

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

- 2.Goal #2: Oral Communication: See list in SDSU catalog (3 credits)
- 3.Goal #3: Social Sciences/Diversity.
 - ABS 203, Global Food Systems (3 credits)
 - ECON 201, Microeconomics (3 credits)
- 4.Goal #4: Arts and Humanities/Diversity (6 credits from 2 disciplines from list in SDSU catalog)
- 5.Goal #5: Mathematics: MATH 114, College Algebra (3 credits)
- 6.Goal #6: Natural Sciences.
 - BOT 201-201L, General Botany and Lab (3 credits)
 - CHEM 106-106L, Chemistry Survey and Lab (4 credits)

Precision Agriculture Requirements to be Completed at SDSU: 48 credits

1. Major and Supporting Courses:

- ABS 475-475L, Integrated Natural Resource Management and Lab (3 credits)
- AST 333-333L, Soil and Water Mechanics and Lab (3 credits)
- AST 390, Seminar (1 credit); or PS 490 Seminar (1 credit)
- BIOL 151/151L, General Biology and Lab (4 credits)
- CHEM 120-120L, Elementary Organic Chemistry and Lab (4 credits)
- PRAG 340-340L, Climate Risk Management with Precision Agriculture (3 credits)
- PRAG 410-410L, Soil Geography and Land Use Interpretation and Lab (3 credits); or PS 462-462L, Environmental Soil Management and Lab (3 credits)
- PRAG 423, Soil Fertility and Plant Nutrient Management (3 credits)
- PRAG 427/427L, Precision Ag Data Mapping (2 credits)
- PRAG 440/440L, Crop Management with Precision Farming and Lab (3 credits)
- PS 223-223L Plant Pathology and Lab (3 credits)
- PS 405/405L, Entomology and Lab (3 credits); or PS 407-407L, Insect Pest Management and Lab (3 credits)
- PS 445/445L, Weed Science and Lab (3 credits)
- STAT 281, Introduction to Statistics (3 credits)
- STAT 383, Geospatial Data Analysis (3 credits)
- Select two of the following:
 - PS 424, Wheat Production (2 credits)
 - PS 425, Soybean Production (2 credits)
 - PS 426, Corn Production (2 credits)

2. Other Requirements:

- Electives, if needed, to reach 120 total credits.
- A student must have a GPA of 2.5 or higher and a grade of C or higher in the major classes (ABS 475-475L, STAT 383, and all classes with a prefix of AST, PRAG, or PS).

Graduation Requirements for the BS in Precision Agriculture at SDSU

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|--|------------|
| General Education Credits: | 31 |
| Major/Supporting Requirements completed at SDSU: | 48 |
| Transfer Credits from MTC Precision Agriculture: | <u>41</u> |
| Total credits required: | 120 |

IV. Additional Requirements

Students transferring from MTC must have a cumulative GPA of "C" (2.0 on a 4.0 scale) or higher.

V. Obligations

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

VI. Modifications

This agreement may be modified from time to time by the South Dakota Board of Regents and Mitchell Technical 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.

VII. Effective Date of Agreement

This agreement will go into effect upon approval of all parties.

VIII. Acceptance of Agreement

For South Dakota State University:

Donald H. Marshall Date: 5-23-2019
Associate Dean, College of Agriculture, Food and Environmental Sciences

R. P. Heib Date: 5/30/19
Provost and Vice President for Academic Affairs

For Mitchell Technical College:

Carol Anne Hankes Date: 5-23-19
Vice President of Academics

Mark W. ... Date: 5-24-2019
President