



## John Deere—AAS

### Agriculture Equipment Technology (John Deere)

The Associate of Applied Science in Agriculture Equipment Technology is designed to develop students as John Deere service technicians. The curriculum is designed by John Deere and ASU-Beebe to focus on the entire line of John Deere products. The goal is to provide the students with experience in hydraulics, electrical systems, engines, power trains, air conditioning, machine adjustments, Service Advisors, and the entire service system.

## ASSOCIATE OF APPLIED SCIENCE AGRICULTURE EQUIPMENT TECHNOLOGY

**Total Program = 60 Credit Hours**

The fourth digit in the course number indicates the number of credit hours.

### UNIVERSITY REQUIREMENT—1 OR 3 HOURS

#### University—1 HOUR or 3 HOURS

UNIV	1001	Principles of Academic Success I
UNIV	1003	Principles of Academic Success III

#### Department

University
University

*The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.*

### AGRICULTURE EQUIPMENT TECHNOLOGY—60 HOURS

#### FIRST YEAR

#### First Semester—13 HOURS

CIS	1503	Microcomputer Applications I
JDAT	1113	John Deere Controls & Instrumentation* <sup>1</sup>
JDAT	1004	John Deere Agricultural Electrical Systems* <sup>1</sup>
JDAT	1023	Agricultural Hydraulics* <sup>1</sup>

<sup>1</sup>\*Certificate of Proficiency in Agricultural Mechatronics Awarded

#### Department

Comp Info Sys
Agri Equip Tech
Agri Equip Tech
Agri Equip Tech

#### Second Semester—15 HOURS

ENG	1003	Freshman English I*
MATH	1013	Technical Mathematics *
JDAT	1002	John Deere Air Quality Systems* <sup>2</sup>
JDAT	1014	Tractor Power Trains* <sup>2</sup>
JDAT	1033	John Deere Consumer Products* <sup>2</sup>

<sup>2</sup>\*Certificate of Proficiency in Advanced Agricultural Mechatronics Awarded

\*Technical Certificate in Agricultural Systems and Controls Awarded

#### Department

English
Mathematics
Agri Equip Tech
Agri Equip Tech
Agri Equip Tech

#### Summer Session—6 HOURS

JDAT	1046	Dealer Internship I (12 weeks)
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#### Department

Agri Equip Tech
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## SECOND YEAR

### First Semester—14 HOURS

JDAT 1104 Precision Farming Technologies  
 JDAT 2003 Harvesting Equipment  
 JDAT 2014 Advanced Tractor Diagnostics

*Choose one below.*

ENG 1013 Freshman English II  
 ENG 2033 Technical Writing and Communication

### Second Semester—12 HOURS

JDAT 2023 Dealer Internship II  
 JDAT 2033 John Deere Engine Systems  
 JDAT 2053 John Deere Technical Certifications

*Select one social science course from the following departments.*

HIST  
 SOC  
 POSC  
 ECON  
 PSY  
 GEOG

### Department

Agri Equip Tech  
 Agri Equip Tech  
 Agri Equip Tech

English  
 English

### Department

Agri Equip Tech  
 Agri Equip Tech  
 Agri Equip Tech

History  
 Sociology  
 Political Science  
 Economics  
 Psychology  
 Geography