



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

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.

Department

- University
- University

AGRICULTURE EQUIPMENT TECHNOLOGY—60 HOURS

FIRST YEAR

First Semester—13 HOURS

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

¹**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*²
- JDAT 1014 Tractor Power Trains*²
- JDAT 1033 John Deere Consumer Products*²

²**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)

Department

- Agri Equip Tech



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