

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 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 fifth digit in the course number indicates the number of credit hours.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

UNIV 10001 Principles of Academic Success I

UNIV 10003 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.

AGRICULTURE EQUIPMENT TECHNOLOGY—60 HOURS

FIRST YEAR

First Semester—13 HOURS

CPSI 10003 Microcomputer Applications I

AGET 10004 John Deere Agricultural Electrical Systems*¹

AGET 10203 Agricultural Hydraulics*¹

AGET 11103 John Deere Controls & Instrumentation*¹

¹*Certificate of Proficiency in Agricultural Mechatronics Awarded

Second Semester—15 HOURS

ENGL 10103 Freshman English I*

MATH 10103 Technical Mathematics *

AGET 10002 John Deere Air Quality Systems*²

AGET 10104 Tractor Power Trains*²

AGET 10303 Intro to John Deere Engines *²

²*Certificate of Proficiency in Advanced Agricultural Mechatronics Awarded

*Technical Certificate in Agricultural Systems and Controls Awarded

Summer Session—6 HOURS

AGET 10406 Dealer Internship I (12 weeks)

SECOND YEAR

First Semester—14 HOURS

AGET 11004 Precision Farming Technologies

AGET 20003 Harvesting Equipment

AGET 20104 Advanced Tractor Diagnostics

Choose one below.

ENGL 10203 Freshman English II

ENGL 20203 Technical Writing and Communication

Second Semester—12 HOURS

AGET 20203 Dealer Internship II

AGET 20303 John Deere Engine Systems

AGET 20503 John Deere Technical Certifications

Select one social science course from the following departments.

ECON

GEOG

HIST

PLSC

PSYC

SOCI