

## NAEDA AGRICULTURAL EQUIPMENT TECHNICIAN

### ASSOCIATE IN APPLIED SCIENCE (76 CREDIT HOURS)

The North American Equipment Dealers Association (NAEDA) was established by a progressive group of independent hardware, farm implement, and mercantile dealers to help increase their profitability and solve common problems.

Ask any agricultural and industrial equipment dealer about the most significant challenges they face, and you'll find that the lack of qualified service technicians is a frequent answer. Each year, as equipment becomes more technologically advanced, the need for skilled technicians grows. NAEDA addresses this problem with the industrial and agricultural equipment technician program at OSU Institute of Technology. The technicians produced by this program maintain, service, diagnose, and repair machines and equipment used in all forms of agricultural and industrial activities.

An essential feature of the program is that a student alternates one half of each semester on campus and the other half of the semester on-site at the sponsoring distributor's location. This intensive method of study and practice prepares a high-performance technician that the participating NAEDA distributors demand. After six semesters of on-campus classes and on-site internships, graduates typically stay with the sponsoring NAEDA distributor as full-time employees.

**Students must obtain an approved industry sponsor before enrolling in the program.**

This program of study requires special program fees beyond OSUIT's current tuition and mandatory fees.

**For current program information, please contact a NAEDA Technician program advisor at 918-293-4710 or visit [osuit.edu/naeda](https://osuit.edu/naeda).**

### PROGRAM REQUIREMENTS: 54 CREDIT HOURS

#### NAEDA AG EQUIPMENT TECHNICIAN TRAINING CORE (39 CREDIT HOURS)

DHER 1123 Fundamentals of Maintenance  
 DHER 1133 Pre-Delivery & Preventive Maintenance  
 DHER 1143 Principles of GPS Applications  
 DHER 1223 Wiring Circuits, Charging & Starting Systems  
 DHER 1233 Hydraulic Principles  
 DHER 1323 Electronic Systems <sup>[P]</sup>  
 DHER 1333 Hydraulic Systems <sup>[P]</sup>  
 DHER 2416 Engines & Fuel Systems  
 DHER 2512 Mobile Air Conditioning <sup>[P]</sup>  
 DHER 2514 Power Train  
 DHER 2603 Yield Monitoring, Variable Rate & Auto Steer Diagnostics  
 DHER 2633 Capstone

#### PROGRAM INTERNSHIPS (15 CREDIT HOURS)\*

*Students should consult with a program advisor to select internship course(s) that satisfy program curriculum requirements.*

\* Course credit may be available through prior learning assessment. Contact advisor for more information.



### GENERAL EDUCATION REQUIREMENTS: 21 CREDIT HOURS

#### AMERICAN HISTORY & GOVERNMENT (6 CREDIT HOURS)

HIST 1483 US History to 1865 or  
 HIST 1493 US History since 1865  
 POLS 1113 US Government

#### COMMUNICATIONS (6 CREDIT HOURS)

*Select from courses listed below or others as approved by program advisor.*

ENGL 1113 Freshman Composition I or  
 ENGL 1033 Technical Writing I  
 SPCH 1113 Introduction to Speech Communications or  
 SPCH 2313 Small Group Communications

#### COMPUTER LITERACY (3 CREDIT HOURS)

CS 1013 Computer Literacy & Applications

#### MATHEMATICS (3 CREDIT HOURS)

*Select from courses designated with an "A," including, but not limited to, courses listed below.*

MATH 1493 Math for Critical Thinking (A)  
 MATH 1513 Pre-Calculus (A)

#### LEADERSHIP & MANAGEMENT ELECTIVE (3 CREDIT HOURS)

*Select from courses listed below or others as approved by program advisor.*

ATLE 1113 Foundations in Technical Leadership  
 BADM 1113 Introduction to Business (S)  
 MGMT 2243 Introduction to Entrepreneurship & Small Business Management

### INTERDEPARTMENTAL REQUIREMENTS: 1 CREDIT HOUR

#### ORIENTATION (1 CREDIT HOUR)

GTGE 1111 College Cornerstone