

John Deere Tech

Degree Type

Associate in Applied Science

Contact Information

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701-671-2726
Tech Center 68

Delivery Methods

Face-to-Face: Wahpeton

The John Deere Tech program is designed to develop technically competent, professional ag equipment service technicians. The John Deere Company sponsors the program and NDSCS administers and operates the program.

This unique program combines state-of-the-art, on-campus training with supervised occupational experiences at a sponsoring John Deere dealership. Students receive technical training on John Deere equipment and related products through a combination of classroom instruction and hands-on laboratory experiences. Classroom and laboratory instruction at NDSCS covers the basics of each subject plus the latest developments in John Deere's agricultural equipment. Work experience at the dealership reinforces on-campus training and exposes the student to real life failures and repairs as they occur on the equipment.

Green technology is addressed through changes in emission standards and alternative fuels that will continue to advance changes in this industry.

The John Deere Tech program takes six semesters, or approximately 24 months, to complete. The six semesters are divided into 10 terms, each approximately eight weeks in length. Students complete the second, third, fourth, sixth, seventh, ninth and tenth terms on campus and the first, fifth, and eighth terms at a sponsoring John Deere dealership.

Admission Requirements

The applicants must be high school graduates or equivalent. Students considered for acceptance must complete all admission requirements. Special requirements include securing a John Deere dealership sponsor.

Required minimum placement scores:

ACT

Reading – 15
English – 15

ACCUPLACER NEXT GENERATION

Reading – 240
Writing – 237

Or transfer equivalencies will apply as appropriate

Applicants not meeting the above requirements are encouraged to visit with the Diesel Technology Department at 701-671-2330 or the academic counselor at 701-671-2257 for strategies to meet the admission requirements.

**Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.*

Award

Upon successful completion of the required courses, students will be awarded an Associate in Applied Science degree in John Deere Tech.

Required Courses

Course Code	Title	Credits
DTEC 109	Air Conditioning for Diesel Technology	2
DTEC 115	Introduction to Light and Medium Duty Engines	4
JDAT 105	Supervised Occupational Experience I	2
JDAT 106	John Deere Time Service Management	2
JDAT 110	Supervised Occupational Experience II	5
JDAT 114	Supervised Occupational Experience III	5
JDAT 116	John Deere Equipment Operation & Adjustment	4
JDAT 155	Introduction to Electrical/Electronics	4
JDAT 165	Introduction to John Deere Hydraulic Systems	4
JDAT 215	John Deere Engine Rebuild	6
JDAT 225	John Deere Powertrains	7
JDAT 255	John Deere Electrical/Electronics	5
JDAT 260	Introduction to Ag Management Solutions (AMS)	3
JDAT 265	John Deere Tractor Hydraulic Systems Diagnosis	5
MFGT 110	Industrial Shop Practices	2

Related/General Education Courses

Course Code	Title	Credits
BADM 240	Sales	3
ENGL 110	College Composition I	3
	English/Communication Elective (choose one)	3
MATH 120	Basic Mathematics I	2
MATH 123	Basic Mathematics II	2
MATH 125	Basic Mathematics III	2
	Wellness Elective(s) (2 credits)	2
	Social and Behavioral Sciences, Humanities, History and/or Computer Electives (4 credits)	4
FYE 101	Science of Success	1

NOTE: 81 credits include two summer sessions

Total Required Credits	82
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