



JOHN DEERE

TECH PROGRAM



OWENS
COMMUNITY COLLEGE

**Transportation Technologies Department:
School of Science, Technology, Engineering, and Mathematics**



Transportation Technologies

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Toledo, Ohio 43699-1947

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General Information

Welcome to the Transportation Technologies Department at Owens Community College. Owens is committed to providing a superior educational experience! We appreciate your interest in Owens and the John Deere Program. This program is one of the finest technician training programs.

The John Deere Ag Service Technician Program is two-year associate degree program designed to upgrade the technical competence and professionalism of entry level John Deere Techs. The curriculum has been designed by John Deere and Owens.

The John Deere Ag Service Technician Program is a cooperative program between John Deere, John Deere dealerships, and Owens Community College.

The material in this packet is intended solely for information purposes. Owens Community College reserves the right to make changes in curricula, policies and fees whenever such changes are deemed necessary. The materials herein are subject to change without notice and may not be regarded as binding obligations.

John Deere Tech Program

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Mission

The Owens Community College mission is to foster student and community success by providing high quality and affordable education that leads to rewarding careers, personal growth, and regional economic strength.

Vision

As the premier two-year college in northwest Ohio, Owens Community College will be the first choice for students seeking career credentials and university transfer, and will be recognized as an indispensable partner for businesses, educational institutions, and community organizations.

Transportation Technologies

Owens Community College's Transportation Technologies programs allow students to power-up their career through hands-on learning. Students gain the knowledge and skills to compete for jobs in today's fast-changing transportation industry.

The college has partnered with General Motors, Chrysler, Ford, Caterpillar, John Deere, Kubota, Freightliner, and Williams Detroit, among others, which enables students to work in dealerships and service facilities.

Students also benefit from using the latest technology and state-of-the-art equipment in Owens' classrooms and labs. Owens faculty members not only bring teaching skills to the classroom, but also real-world experience, making the learning environment a perfect balance of academic and hands-on training.

School of STEM

The mission of the School of STEM is to provide quality technical education that matches the needs of students and employers. The school is committed to preparing every student to succeed in the world of technical service and to make a productive contribution to society. These students will be able to initiate change as well as support and adapt to evolving technological issues. The school is also dedicated to updating technical knowledge and enhancing lifelong learning.

The purposes for the school, which enable it to fulfill its mission, are identified as follows:

- To provide current and relevant associate degree programs, certifications, certificates and specific courses that prepare students to productive members of the technical work force.
- To facilitate access to the programs within the School of STEM by assisting students in an effective manner.
- To provide quality technical programs, which include a solid foundation in critical thinking, problem solving, ethical and technical principles and the application to current technology and the workforce.
- To ensure that the education and training provided are responsive to the needs of the community through input from advisory committees, businesses, industries and other relevant sources.
- To articulate with colleges, universities, and high schools to provide credit and program transfer.
- To seek and maintain appropriate accreditation and/or certification of school programs by accrediting organizations.
- To establish educational partnerships with businesses, industries, and professional organizations for high quality, cost-effective learning.

Important Contacts

Sherri Johnson, Chair
Transportation Technologies
(567) 661-7136
sherri_johnson@owens.edu

Bernard Goedde, Assistant Professor, John Deere
(567) 661-7431
bernard_goedde@owens.edu

Heath Weilnau, Instructor, John Deere
(567) 661-7433
heath_weilnau@owens.edu

Admissions.....	567-661-7777
Advising	567-661-2387
Department of Public Safety	567-661-7575
Disability Resource Center.....	567-661-7007
Help Desk	567-661-7120
Library	567-661-7015
Student Financial Services	567-661-2387
Testing Center	567-661-8378
Transportation Technologies Office	567-661-7388
Transportation Technologies Fax.....	567-661-7836

The John Deere Program

The John Deere Tech Major is a partnership program between Owens Community College and John Deere. It is designed to train and employ the industry's best technicians.

John Deere Tech major is a five-semester program that allows graduates to earn an Associate of Applied Science. Students rotate class time and internship at their sponsoring dealership. During the internship, students receive hourly wages and pay increases based on performance.

Class size is limited to maintain an effective student/teacher ratio. Qualified candidates who apply early and have a sponsoring dealership or service center are chosen first. This program is offered at the Toledo campus only.

Program Schedule

The program is a two-year program consisting of five semesters. Half of the time is spent attending classes at Owens and the remaining time is spent interning at the employing John Deere dealership. Each specialized subject is taught at Owens, in the classrooms and/or labs, for an eight week rotation. This academic training is followed by related, supervised work experience with dealership personnel. For example, your first group of classes will involve the first eight weeks of the fall semester at Owens and the second eight weeks interning at your dealership. You will then return to Owens for the first eight weeks of the spring semester and the second eight weeks interning at your sponsoring dealership.

Dealership/Employer

Participating students are required to be employed by a John Deere dealership. It is the prospective student's responsibility to locate their own John Deere sponsor. If you have difficulty obtaining or locating a John Deere sponsor, the Transportation Technologies Department can assist.

Program Benefits

Unlike conventional programs where students obtain a degree before securing a job, at Owens, the John Deere students will secure an employer before starting the program. This program requires initiative and effort on the part of the student. However, the benefits are worth the effort.

John Deere students learn the skills necessary for entry into a highly skilled profession, along with the opportunity to practice and develop these skills with a considerable amount of on-the-job training. John Deere helps to develop the diagnostic skills needed to work on today's agricultural equipment and start a career as a John Deere technician.

Student Wages

One of the most frequently asked questions by dealerships and students is the rate of pay for the employed John Deere students. Pay rates are negotiated between the student and their sponsoring dealership. Dealerships may be able to assist students with school expenses.

Tools

Students will not need to obtain tools for class. Owens Community College provides the necessary tools to complete all lab assignments. Tools are signed out through the Tool Room.

John Deere understands that owning your own tools is essential to your success as a service technician. Students can purchase high-quality John Deere tools and tool-storage products at competitive prices through the John Deere Tools for TECHS Program. Current first-year and second-year students, in good standing, are eligible.

A special discount is available to John Deere students through various tool vendors.

John Deere Tech Program

JOHN DEERE TECH MAJOR			
Sem	Course	Credit/Contact Hrs	Course Completed
1st Semester	DSL 101 - Hydraulic Theory & Oper	Credits: 2 (Lec: 1 Lab: 3)	
	DSL 130 - Vehicle Electronics	Credits: 3 (Lec: 2 Lab: 3)	
	DSL 182 - Preventive Maint. & Service	Credits: 2 (Lec: 1 Lab: 3)	
	DSL 110 - Info Resource Systems for JD	Credits: 2 (Lec: 1.50 Lab: 1.50)	
	DSL 291 - Diesel Tech Field Experience	Credits: 1	
	STM 105 - Technology in Society	Credits: 2 (Lec: 2)	
2nd Semester	IST 100 - Fundamentals of Computing	Credits: 1 (Lec: 1)	
	DSL 111 - Hydraulic Systems	Credits: 2 (Lec: 1 Lab: 3)	
	DSL 117 - Combine Maintenance & Repair	Credits: 3 (Lec: 1.5 Lab: 4.5)	
	DSL 133 - Vehicle Electrical Systems	Credits: 3 (Lec: 2 Lab: 3)	
	DSL 291 - Diesel Tech Field Experience	Credits: 1	
	WLD 191 - Intro to the Welding Processes	Credits: 2 (Lec: 1 Lab: 3)	
3rd Semester	ENG 111 - Composition I *Ohio Transfer Module Course	Credits: 3 (Lec: 3)	
	SPE 101 - Public Speaking	Credits: 3 (Lec: 3)	
	MTH 143 - Applied Industrial Mathematics	Credits: 3 (Lec: 3)	
	DSL 241 - Fundamentals of Engines	Credits: 3 (Lec: 2 Lab: 3)	
	DSL 264 - Ag Mgt Solutions	Credits: 2 (Lec: 1 Lab: 3)	
4th Semester	DSL 102 - Tractor Drivelines	Credits: 2 (Lec: 1 Lab: 3)	
	DSL 203 - Advanced Hydraulics	Credits: 2 (Lec: 1 Lab: 3)	
	DSL 245 - Diesel Eng Perf-Anal & Tune	Credits: 3 (Lec: 2 Lab: 3)	
	DSL 218 - Seeding & Tillage Equipment	Credits: 2 (Lec: 1 Lab: 3)	
	DSL 291 - Diesel Tech Field Experience	Credits: 1	
	PHY 143 - Applied Industrial Physics	Credits: 3 (Lec: 3)	
5th Semester	DSL 212 - Air Conditioning Systems	Credits: 2 (Lec: 1.50 Lab: 1.50)	
	DSL 258 - Equipment Shop Project	Credits: 4 (Lec: 1 Lab: 9)	
	DSL 291 - Diesel Tech Field Experience	Credits: 1	
	PSY 111 - Indust/Organization Psych	Credits: 3 (Lec: 3)	
	BUS 120 - Principles of Management	Credits: 3 (Lec: 3)	

Essential Skills in the Program and on the Job

Reading

Reading is necessary both in the classrooms and on the job. Reading materials for the program include textbooks, journal articles, various service manuals, technical papers, and information on the database. Textbooks are written at the college level. The program includes both written and aptitude tests.

Writing

Writing skills are very important. You will need to complete tests, research papers, assignments and task/lab sheets for classes. On the job, it is essential to be able to correctly complete necessary paperwork.

Communication

Effective speaking skills are necessary for the program. Students will give oral presentations (demonstrations) in some classes. On the job, effective communication is extremely important as you will be dealing with customers, supervisors, and colleagues.

The ability to effectively communicate both personally and professionally is an essential skill, not only in this program, but in all aspects of your life.

Math

The following areas of math are integrated into the program: arithmetic (basic skills), some algebra, trigonometry (with emphasis on angles) and practical applications to the industry. Basic math skills, trigonometry and an intuitive feel for business math are important skills.

Learning

Problem-solving skills are essential for success, both in the program and on the job. These skills include discovering a problem, finding relevant information, and compiling information to solve a specific problem.

Computer

It is necessary to know how to analyze computer information from the equipment's on-board computers, both in the program and on the job. It is also essential to know how to analyze information from the diagnostic PC. Service manuals are stored in electronic databases, so knowledge of how to use the PC to access this information is also required.

Responsibilities

Student Responsibilities

- ❖ Maintain a John Deere dealership or affiliate sponsor by the first day of class and throughout the program.
- ❖ Obtain a John Deere ID.
- ❖ Pay all program costs: tuition, fees, books, safety glasses, housing.
- ❖ Register for required courses each semester.
- ❖ Attend classes and work as scheduled on time.
- ❖ Maintain a minimum GPA of 2.0.
- ❖ Perform necessary tasks.
- ❖ Come to class prepared.
- ❖ Seek academic assistance if needed.
- ❖ Conduct yourself in a professional and safe manner.
- ❖ Adhere to the *Student Code of Conduct*.

Owens Responsibilities

- ❖ Provide an assigned administrator for the John Deere program at the college.
- ❖ Assist dealerships with student selection and recruiting.
- ❖ Provide instruction in accordance with the John Deere curriculum.
- ❖ Communicate with sponsoring John Deere dealerships regarding students' academic progress and/or tribulations.
- ❖ Maintain student records.
- ❖ Provide academic advising.
- ❖ Maintain accreditation.

John Deere Responsibilities

- ❖ Provide John Deere training to college instructors.
- ❖ Provide necessary equipment and training components.
- ❖ Provide the college with essential training materials, including service manuals and specialized class materials.
- ❖ Provide specialty shop tools.
- ❖ Monitor the student selection procedures.
- ❖ Participate in the John Deere promotional plan. Identify dealerships and students interested in the John Deere educational programs and make available to the college.

Checklist for Getting Started....

- Visit the Owens Transportation Technologies Department.** Meet with the Corporate Programs Specialist or Chair who will discuss the program and answer any questions. You will also get a tour of the Transportation Technologies facilities. Call to set up your appointment: (567) 661-7388.
- Apply for Admission to Owens Community College.** Complete your application for admission online at www.owens.edu.
- Obtain Sponsorship.** Acquire your sponsorship at a John Deere dealership.
- Apply for the John Deere Program.** An application is included in this handbook and should be submitted to the Transportation Technologies Department.
- Apply for Financial Aid and Scholarships.** Owens has many scholarship opportunities for both new and continuing students. Visit www.owens.edu/financial_aid/scholarships/ for a full listing and deadlines. You will also want to file the FAFSA (Free Application for Federal Student Aid) at www.fafsa.gov prior to the start of each school year. The FAFSA opens on October 1 and will let you know if you are eligible for possible grants and student loans to help pay for your college expenses. Owens school code is 005723. Please contact the Student Financial Services office at (567) 661-2387 with questions.
- Take the ACCUPLACER Placement Test.** The testing location is in College Hall. If you have prior college credit or have taken the ACT or SAT, you may not need placement testing. Contact Testing Services at (567) 661-TEST (8387) for additional information.
- Set Up your Campus Ozone Account.** Go to www.owens.edu and click on 'OZONE'. Follow the instructions to set up your personal account. Your email and other personal information will be available 24 hours a day, seven days a week.
- Register for Classes.** Registration is completed online through your Corporate Programs Specialist.
- Pay your Tuition and Fees.** You will view your bill through your Ozone account. There are a variety of payment options available including federal student aid, scholarships, employee tuition assistance, and payment plans.
- Obtain your Student ID.** Your Owens ID Card is your student ID and must be obtained through the Department of Public Safety Office, located in Alumni Hall.

OCID & Student ID

When you apply to Owens, you will be issued an Owens College Identification Number (OCID). This will be used in place of your social security number for all college transactions.

All students will receive a student ID once they are registered for at least one course their first semester. Students need this ID in order to utilize the tool room, computer labs, testing center and library.

Department of Public Safety

Alumni Hall, Customer Service

Phone: (567) 661-7130

Hours: Monday – Friday, 9 a.m. – 5 p.m.

Fall, Spring, & Summer Semesters

Campus Ozone Account

Once you have applied to the college, you will be able to create your Ozone Account. Your Ozone Account allows you to register online, view your course schedule, check your email, access Blackboard, pay your tuition, and much more. Log onto the Owens website and go to the Ozone link and follow the instructions to set up your personal account. Your email and other personal information will be available 24 hours/day and 7 days/week.

Proxy Access

Students can grant others access to view certain pieces of information and/or to have conversations with select departments. This is called granting “proxy access”, and the other person is referred to as your proxy. Proxy Access places you, the student, in control of the entire process and allows you to authorize anyone with a valid email address online access to your academic information.

To provide an individual electronic access to your academic information, you must first create a proxy account.

1. Log into your Ozone
2. Under My Personal Information, click Proxy Access
3. Click on the “Proxy Management” link

Parking

There are designated parking spaces in each parking lot allocated for students. Please be sure to park in the YELLOW parking spaces only.

Parking does not have to be a challenge at Owens Community College. This information is intended to help you learn the college parking system in order to avoid infractions and other frustrations. To be completely informed of college parking rules, we encourage you to read the regulations and review the information on our website.

Bookstore

The Owens Bookstore is online only. You may have your books delivered to campus or directly to your home. Supplies (non-book items) are also available on the eCampus website. You can visit the bookstore at www.owens.edu/bookstore/.

Department of Public Safety

The Department of Public Safety is accessible 24 hours/day, 7 days/week, including all holidays. In addition to providing campus security, they can also assist students with jump-starting vehicles, unlocking vehicle doors, escorting to and from vehicles, and finding lost items. Our staff of Police Officers is CPR trained. A Crime Prevention Officer is available and always willing to answer any questions.

To contact security for an emergency on campus, there are red phones that will directly connect you for assistance. You may contact them at (567) 661-7575.

Disability Resources

Disability Resources provides support, information, and guidance to students with disabilities who are attending Owens. Services are coordinated for individuals with various disabilities.

Disability Resources offers a variety of accommodations, including modified testing, alternatively formatted textbooks, adaptive equipment, and software. Other accommodations may be implemented after consultation with staff.

It is recommended that you meet with staff to identify your needs at least three weeks prior to enrollment. To contact Disability Services, call (567) 661-7007.

Library Services

The Library maintains a collection of about 40,000 books and over 400 journal subscriptions, the library supports the curriculum needs of the college. In addition, the library maintains a large collection of audio/visual resources: e-journals, e-books, online educational videos, and electronic course reserves. Librarians are available to provide reference services and assist users in locating materials.

A computer lab and private study areas are also available within the library.



John Deere Tech Program Application



John Deere Tech Major Applicant Information

Last Name First Name Middle Initial Street Address City State Zip Home Phone Cell Phone E-mail Address Driver's License No. State Expiration Date Do you have any points on your driver's license? Yes No

Educational Background

High School Year of graduation Have you taken high school John Deere classes? Yes No If yes, please describe: Type of program No. of semesters Name of instructor(s) Name of school

Have you attended any college classes? Yes No If yes, where? Dates of attendance Credit hours earned Classes taken

Other Educational Experience (military, school, seminars, etc.)

Horizontal lines for other educational experience

Work Experience (most recent, past two years)

Place of employment Supervisor Phone Place of employment Supervisor Phone

John Deere Tech Program

Career Interests

Write a clear statement of your career interests.

I hereby certify that the foregoing statements are true and correct. I understand if I knowingly provide incorrect or false information that I may forfeit the opportunity to be selected as a participant in the John Deere Tech Program.

In addition, I authorize the officials of Owens Community College to release my placement test scores, college transcripts and/or academic information, if requested, to the John Deere dealership or John Deere officials involved with the program.

Applicant's Signature _____ Date _____

Return this application to:

**Sherri Johnson, Chair
Transportation Technologies
Owens Community College
P.O. Box 10,000
Toledo, OH 43699-1947
Or email: transtech@owens.edu**

Owens Community College promotes equal opportunity regardless of age, color, handicap, national origin, race, religion or sex.

Dealer Approval of Student

Directions for the Student

Fill in the information below and take this Dealer Approval Form to the sponsoring John Deere dealer for approval of the sponsorship.

Student's Name _____

Address _____

City, State, Zip _____

Telephone _____

Statement of Approval by the Dealer

I agree to provide sponsorship for the above student in the John Deere Tech Program at Owens Community College.

Dealership _____

Address _____

City, State, Zip _____

Telephone _____ Email _____

Authorizing Representative (Signature) _____

Date _____

Information for the dealer:

Please mail the completed form to Transportation Technologies, Owens Community College, and P.O. Box 10,000, Toledo, OH 43699.

It is suggested that the following criteria be used when interviewing applicants:

In addition to meeting Owens Community College admissions requirements, applicants must secure approved John Deere dealer sponsorship. The purpose of the interview is to determine whether your dealership is willing to provide sponsorship for this applicant.

Education and Experience: Every applicant will have a unique background. Prior training or experience is not essential for success in the John Deere Tech Program but may be valuable in certain instances.

Scholastic Aptitude: Evaluate the applicant's potential to complete the academic work required for graduation. The applicant can supply the dealer with high school transcripts.

Employability: The applicant should be viewed as someone seeking permanent employment with your dealership. The John Deere Tech Program will help train your future technicians. You should consider this

John Deere Tech Program

applicant as someone you could/would employ full-time once required skills are mastered; however, you are not bound to do so.

Career Interest: The applicant should express a strong desire to be a reliable and knowledgeable John Deere Tech. The potential applicant should be an individual who will assist you in meeting the needs of your customers in the future.

Information Release Form - Employer

I, _____, OCID# _____, do hereby give Owens Community College and its representatives the right to release and discuss any and all information pertaining to my performance at Owens Community College to/with my sponsoring dealership or service center. This includes, but is not limited to: test grades, final grades, attendance, work ethic, etc. I understand that this release of information will stay in effect during my entire enrollment at Owens Community College.

Student Signature

Date

Photography/ Video Release Form

**Optional*

For valuable consideration received, I hereby grant Owens Community College and its legal representatives the irrevocable and unrestricted right to use and publish photographs/ videos of me, or in which I may be included, for editorial, trade, advertising and any other purpose and in any other manner and medium; to alter the same without restriction; to copyright the same. I hereby release Owens Community College and its legal representatives from all claims and liability relating to said photographs/ videos.

Student Name

Student Signature

Date