

GET STARTED ON AN IN-DEMAND CAREER.



DIESEL TECHNOLOGY

Associate of Applied Science

The diesel industry is one of the few industries in the country that impacts all areas of our lives. Diesel technicians work in areas of heavy duty on road trucks, buses, construction equipment, ag equipment, generators and other diesel engine and hydraulic driven equipment.

Diesel technicians are in high demand and our students are working in the field while attending classes, rotating on 8-week schedule between hands-on learning and field tech experience. Our small class size of a maximum of 16 and 70 percent or more hands-on training in the technical courses allows for a more personalized experience.

This program focuses on your Heavy-Duty Diesel career, on current modern equipment and technology. You will learn:

- Engine Performance
- Drivelines
- Electrical & Electronics
- Emissions & Aftertreatment
- Brakes
- Differentials
- Transmissions
- Air Conditioning
- Steering & Suspension
- Preventative Maintenance

In addition, we focus on soft skills including customer service and leadership, along with other aspects of this fulfilling career.

Workers without formal training often require more supervision and on-the-job instruction than others—an expensive and time-consuming process for employers. Because of this, untrained candidates will face strong competition for jobs or lack of advancement.

SALARY

The median annual wage for diesel service technicians and mechanics was \$57,000 in May 2020. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less.

<https://www.bls.gov/oes/current/oes493042.htm>

ACCREDITATION

Diesel Technologies is accredited by ASE (Automotive Service Excellence).

ASE examines the structure, resources and quality of training programs and evaluates them against standards established by the industry. These standards reflect the skills that students must master to be successful in the industry.



LOCATION

Toledo-area Campus

OWENS.EDU

Office of Admissions

Toledo-area Campus - (567) 661-7777
Findlay-area Campus - (567) 429-3509

Transportation Technologies

(567) 661-7388



OWENS
COMMUNITY COLLEGE

PROGRAM CURRICULUM

DIESEL TECHNOLOGY

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REQUIRED COURSES

High school and adult career-technical students who successfully complete specified technical programs are eligible to have technical credit transfer. For more information on career-technical course work that students can complete for transfer, visit the University System of Ohio Board of Regents, Career-Technical Credit Transfer (CT)2 website or contact your advisor.

1ST SEMESTER

DSL 101	Hydraulic Theory & Oper	Credits: 2(Lec: 1 Lab: 3)
DSL 182	Preventive Maint. & Service	Credits: 2(Lec: 1 Lab: 3)
DSL 254	Truck Brake Systems	Credits: 4(Lec: 2 Lab: 6)
DSL 291	Diesel Tech Field Experience	Credits: 1 to 3(Oth: 12 to 36)
IST 100	Fundamentals of Computing	Credits: 1(Lec: 1)
STM 105	Technology in Society	Credits: 2(Lec: 2)

2ND SEMESTER

DSL 112	Drive Lines	Credits: 3(Lec: 2 Lab: 3)
DSL 130	Vehicle Electronics	Credits: 3(Lec: 2 Lab: 3)
WLD 191	Intro to the Welding Processes	Credits: 2(Lec: 1 Lab: 3)
MTH 143	Applied Industrial Mathematics	Credits: 3(Lec: 3)
DSL 291	Diesel Tech Field Experience	Credits: 1 to 3(Oth: 12 to 36)

3RD SEMESTER

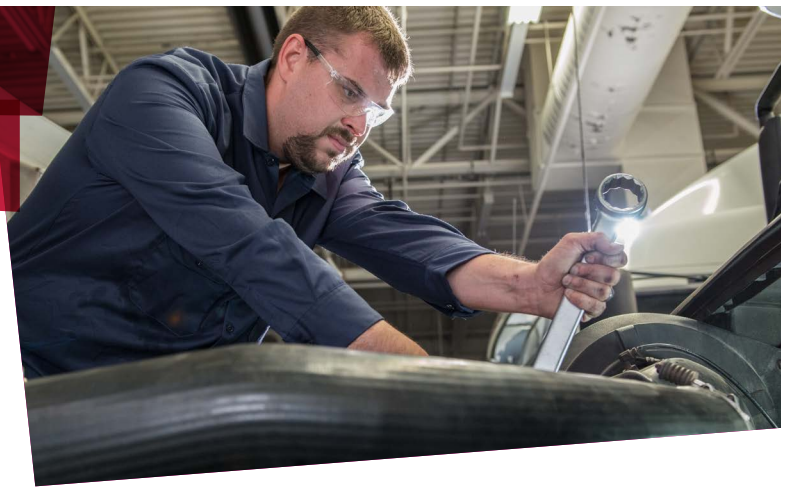
DSL 241	Fundamentals of Engines	Credits: 3(Lec: 1 Lab: 6)
DSL 212	Air Conditioning Systems	Credits: 2(Lec: 1.50 Lab: 1.50)
PSY 111	Indust/Organization Psych	Credits: 3(Lec: 3)

4TH SEMESTER

DSL 133	Vehicle Electrical Systems	Credits: 3(Lec: 1 Lab: 6)
DSL 268	Computer Ctrl'd Diesel Engines	Credits: 2(Lec: 1 Lab: 3)
DSL 253	Shop Truck Operation	Credits: 2(Lec: 1 Lab: 3)
DSL 291	Diesel Tech Field Experience	Credits: 1 to 3(Oth: 12 to 36)
ENG 111	Composition I*	Credits: 3(Lec: 3)
PHY 143	Applied Industrial Physics	Credits: 3(Lec: 3)

5TH SEMESTER

DSL 245	Diesel Eng Perf-Anal & Tune	Credits: 3(Lec: 2 Lab: 3)
DSL 261	Truck Susp/Steering/Chassis	Credits: 2(Lec: 1 Lab: 3)
DSL 215	Transmission & Torque Conv.	Credits: 3(Lec: 2 Lab: 3)
DSL 291	Diesel Tech Field Experience	Credits: 1 to 3(Oth: 12 to 36)
BUS 120	Principles of Management	Credits: 3(Lec: 3)
SPE 210	Small Group Communication	Credits: 3(Lec: 3)



*Ohio Transfer Module Course

More information about the Ohio Transfer Module Course can be found at www.ohiohighered.org/transfer/transfermodule

STUDENT TESTIMONIALS

The diesel program at Owens was just what I was looking for when I was searching for what college to go to. I knew I liked the service industry, but I didn't know if I wanted to spend the rest of my career as a technician. The diesel program at Owens gave me more than just diesel knowledge, it gave me training in management and business that helped me go much further with my career. With the great staff to help me and give me training and advice along the way, my college experience at Owens was great.

Chris Phillips
Diesel Technology Graduate

The education I received at Owens was the most useful experience I have had as it relates to my career. The options it has opened up are irreplaceable. The instructors truly are there working for me to offer the latest in the industry's technology combined with the core understanding it takes to obtain excellence in my field. Little did I know that my time spent at Owens would open so many options for me. In today's job market you need an advantage over others to obtain the above average positions in the workplace. Owens gave me the cutting edge I needed to be successful in my career.

Jeff Bella
Diesel Technology Graduate

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