

## Automotive

### Diesel Technology

OWENS CAMPUS

Fall 2022

This program prepares students for entry into the technical field of diesel repair and maintenance. The program provides a combination of classroom and shop instruction that includes systems and brakes, electrical, steering and suspension, heating and air conditioning, diesel engines, engine repair, hydraulics, and preventative maintenance and inspection (PMI). Students learn preventive maintenance, emergency repairs, and are able to successfully navigate electronic service information systems by using state of the art tools and instruments to diagnose difficult problems in today's vehicles. This program provides a practical hands-on approach to the diesel repair industry through systematic classroom instruction, completion of required labs, and a work-based learning component.

#### PROGRAM SPECIFIC ADVISEMENT STATEMENT

##### Courses - Semester 1

	Credits	Lecture	Lab
<a href="#">SSC 100 - First Year Seminar</a>	1	1	0
<a href="#">AUT 101 - Intro to Automotive Technology</a>	4	2	5
<a href="#">AUT 102 - Automotive Electrical Systems</a>	4	2	6
<a href="#">MAT 152 - Quantitative Reasoning</a>	3	3	
<a href="#">CIS 107 - Intro to Computers/Application</a>	3	2	2

##### Courses - Semester 2

	Credits	Lecture	Lab
<a href="#">AUT 103 - Automotive Brakes</a>	4	2	6
<a href="#">AUT 104 - Automotive Steering/Suspension</a>	4	2	6
<a href="#">(PSY 100 - Human Relations</a>	3	3	0

OR

<a href="#">PSY 121 - General Psychology)</a>	3	3	0
<a href="#">BUS 101 - Introduction to Business</a>	3	3	0
<a href="#">ENG 101 - Composition I</a>	3	3	0

##### Courses - Semester 3

	Credits	Lecture	Lab
<a href="#">DSL 201 - Preventive Maintenance I</a>	4	2	6
<a href="#">DSL 202 - Preventative Maintenance II</a>	4	2	6
<a href="#">MET 123 - Modern MFG Techniques</a>	3	2	4
<a href="#">ENG 102 - Composition II</a>	3	3	0
<a href="#">(SOC 103 - Sustainability and Society</a>	3	3	
OR <a href="#">SOC 111 - Sociology)</a>	3	3	0

##### Courses - Semester 4

	Credits	Lecture	Lab
<a href="#">DSL 203 - Diesel Engine Repair</a>	4	2	6
<a href="#">DSL 204 - Diesel Engine Performance</a>	4	2	6
<a href="#">(ECO 111 - Macroeconomics</a>	3	3	0
OR <a href="#">ECO 122 - Microeconomics)</a>	3	3	0
<a href="#">MGT 212 - Principles of Management</a>	3	3	0

To complete program requirements, you must pass the above courses and earn at least **63 credits**. The number of courses and credits required for graduation may be more depending on college readiness and the elective courses offered in your program major (if electives are a part of the program).