Diesel Technology

Transportation, Distribution, and Logistics

The Diesel Technology program provides a broad foundation in the diesel repair field by preparing students for entry level positions in the field of heavy-duty diesel vehicle repair. Students gain skills in engine repair, fuel supply and management, suspension and brakes, hydraulic systems operations, and lighting and instrumentation. Students entering this program should exhibit mechanical aptitude, the ability to read and follow instructions as outlined in service repair manuals and enjoy precision work and problem solving. Students will have hands-on experience with the following items: Diesel Engine Diagnosis, Cylinder Head and Valve Train Diagnosis and Repair, Engine Block Diagnosis and Repair, Lubrication Systems Diagnosis and Repair, Cooling System Diagnosis and Repair, Air Induction and Exhaust System Diagnosis and Repair, Fuel System Diagnosis and Repair, and Air Brake Systems.

Program Duration & Grade Level

Diesel Technology is a two (2) year program
Once a student starts in 11th grade, they will be required to continue and complete the program in their 12th grade year.

Certifications & Qualifications

Upon completion of this two-year program, students will receive the following certifications: ASE Medium/Heavy Duty Diesel Engine Certification, SP2 Heavy Duty Diesel Technology Safety Certification, and OSHA-10.

Estimated Pay

Estimated pay salaries for a person in the Diesel Technology field

Job Description	Degree	Estimated Starting Salary
Mechanics and Diesel Engine Specialist	High School Diploma	$42,000
Heavy Equipment Mechanics	High School Diploma	$44,000
First-Line Supervisor of Mechanics	Bachelor's Degree	$60,400

Bonds Career Center accepts students based upon a rubric considering attendance, discipline, grades, and teacher recommendations. Administrators will consider mitigating factors on a case-by-case basis. Administrators may revoke student privileges at any time for failure to meet program requirements. The maximum enrollment for this class is 16 students due to safety requirements, accreditation rules, and facility/equipment limitations.