Diesel Equipment Technology

Certificate in Applied Science

Mission Statement:
The Diesel Technology certificate is designed to prepare graduates with the necessary technical skills to become a diesel heavy equipment mechanic. The student will receive a well-rounded education including basic knowledge and mechanical theories with significant hands-on experience. Graduates will have a solid foundation of knowledge to confidently execute the well-acclaimed ASE certifications.

Entrance Requirements:
Acceptable placement test score(s); high school diploma or GED required (or department head approval)

Type of Program:
Day or evening

Professional Credentials:
ASE Automotive Service Excellence Technician (subject to passing exam)

Employment Opportunities:
Truck repair shops, fleet service, heavy equipment repair centers

- This program provides students with an understanding of diesel equipment systems with emphasis on “over-the-road trucks.”

Recommended Program Schedule

First Semester - Fall
- DHM 107 Diesel Equipment Service & Diagnosis 3.0
- DHM 173 Electrical Systems I 3.0
- DHM 255 Air Brake Systems 3.0
- DHM 273 Electrical Systems II 3.0

Second Semester - Spring
- DHM 101 Introduction to Diesel Engines 4.0
- DHM 108 Diesel Engine Tune-Up 2.0
- DHM 121 Introduction to Diagnostic Testing 2.0
- DHM 125 Diesel Fuel Systems 3.0
- DHM 265 Hydraulic Systems 3.0

Third Semester - Summer
- DHM 251 Suspension and Steering 3.0
- DHM 151 Drive Trains 4.0
- DHM 232 Heating, Cooling, and Air Conditioning Systems 3.0

Total Required Credit Hours: 36.0

Note: Please contact your advisor for evening schedules

Visit https://www.gvltec.edu/gainful-employment/ for important information about the educational debt, earnings and graduation rates of students who attended programs.