Mission Statement:
The Diesel Engine Performance certificate is designed to prepare graduates with the necessary technical skills to become a diesel heavy equipment mechanic. The student will specialize in overhaul procedures, timing adjustments, turbocharger matching, exhaust tuning diagnostics, and on-board computer reprogramming. Graduates will have a solid foundation of knowledge to confidently execute the well-acclaimed ASE certifications related to engine performance.

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

Type of Program:
Evening

Employment Opportunities:
Truck repair, fleet service, heavy equipment

- This program provides students with hands-on experience in overhaul procedures, timing adjustments, turbocharger matching, exhaust tuning diagnostics, and on-board computer reprogramming experience necessary to succeed in today’s diesel engine performance field.

Recommended Program Schedule

First Semester - Fall
DHM 125 Diesel Fuel Systems* 3.0

Second Semester - Spring
DHM 101 Introduction to Diesel Engines* 4.0

Third Semester - Fall
DHM 105 Diesel Engines I 3.0
DHM 205 Diesel Engines II 3.0
DHM 216 Medium Diesel Engines 3.0
DHM 225 Electronic Fuel Systems 3.0

Total Required Credit Hours: 19.0

*Courses marked with an asterisk are prerequisite courses. Students must complete these courses with a grade of “C” or better before advancing to the core courses for this certificate.

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