

Diesel Heavy Equipment Technology

Program

Diesel Heavy Equipment Technology

Degree Type

Certificate

The Certificate program in Diesel Heavy Equipment Technology prepares students to diagnose and service diesel powered trucks and equipment. Students learn to use a system's approach to analyze and repair diesel engines, transmissions, brakes, hydraulics, related technologies, and controlling systems. Shop safety, work habits, shop management, and customer relations are also stressed.

Graduates of this program find employment at heavy truck and equipment dealerships, as well as forestry, agricultural, and automotive dealerships whose lines include diesel-powered units. Students may also find employment in construction, trucking, recreation, marine service, power generation, and other industries that use diesel-powered units.

The Diesel Heavy Equipment Technology program is accredited through the Associated Equipment Distributors (AED) and is the only college in New England with this accreditation.

Students can expect to spend an additional \$1500-\$2500 for tools.

Fall Semester

Course Number	Title	Lecture	Lab	Credits
DSL102W	Applied Hydraulics	2	3	3
DSL111W	Introduction to Diesel Heavy Equipment Technology	2	0	2
DSL113W	Heavy-Duty Electrical Systems	3	3	4
DSL211W	Heavy-Duty Power Trains	3	3	4
Sub-Total Credits		10	9	13

Spring Semester

Course Number	Title	Lecture	Lab	Credits
DSL115W	Diesel Power Systems	3	3	4
DSL117W	Fuel and Emission Systems	3	3	4
DSL227W	Heavy-Duty Chassis, Brake, and Climate Control Systems	4	3	5
WELD214W	Introduction to Arc Welding and Cutting Processes	1	4	3
Sub-Total Credits		11	13	16
Total Credits				29