

AUTOMOTIVE TECHNOLOGY: DIESEL BASIC REPAIR, C.S.C.

Location(s): MA

NOVA Code: 221-920-01

Purpose

This program is designed to introduce the fundamentals of diesel equipment repair and provide instruction in hydraulic systems, diesel engine overhaul and tune-up, hydraulic and braking systems. The curriculum provides practical training and the option of on-the-job experience through cooperative education. Graduates will gain a basic background in diesel equipment technology principles. Graduates will be prepared for employment as an entry-level diesel technician in the following areas: diesel equipment repair, diesel truck repair, supervisor, shop foreman, heavy duty repair, purchasing agent, salesperson, power train repair, fuel injection repair, diesel engine repair, automotive diesel repair, and marine diesel repair.

One Semester

Course	Title	Credits
1st Semester		
DSL 137	Basic Diesel Engine Systems	5
DSL 150	Mobile Hydraulics&Pneumatics	3
DSL 155	Heavy Duty Suspension and Service	3
DSL 161	Air Brake Systems I	2
DSL 162	Air Brake Systems II	2
SDV 100 or SDV 101	College Success Skills or Orientation to:	1
Credits		16
Total Credits		16