



PROGRAM OF STUDY

Medium and Heavy Truck Service, Diagnosis and Repair Technician - Certificate of Achievement
(Automotive Technology)

Term Effective: Fall 2010

Total Units: 32 - 33

The courses listed in the Medium and Heavy Duty Truck Service, Diagnosis and Repair Technician certificate are selected to provide a comprehensive set of job skills needed by medium and heavy duty truck technicians, bus technicians and heavy equipment technicians. In addition to improving the student's employability, the skills developed in the program will enhance their ability to become an Automotive Service Excellence (ASE) Medium/Heavy Truck, Truck Equipment, School Bus, Transit Bus and/or Alternative Fuels certified technician.

Required Courses:

Course	Title	Units	Completed	In Progress	Need
AUTO 101	Fundamentals of Automotive Service, Diagnosis and Repair	5			
AUTO 156	Automotive Electrical/Electronic Systems I	5			
AUTO 146	or Automotive Electrical Systems	4			
MTRK 151	Medium and Heavy Truck Engines Service, Diagnosis, and Repair	5			
MTRK 152	Medium and Heavy Truck Drivetrain Service, Diagnosis, and Repair	5			
MTRK 154	Medium and Heavy Truck Chassis Service, Diagnosis, and Repair	5			
AUTO 149	Diesel Engine Management Systems	4			

Plus a minimum of four (4) units from the following electives:

Course	Title	Units	Completed	In Progress	Need
AUTO 166	Automotive Electrical/Electronic Systems II	3			
AUTO 167	Automotive HVAC Service, Diagnosis & Repair	3			
MTRK 190	Introduction to Compressed Natural Gas Vehicles	3			
AUTO 230A	Automotive Service and Repair Work Experience A	1			
AUTO 230B	Automotive Service and Repair Work Experience B	2			
AUTO 230C	Automotive Service and Repair Work Experience C	3			
AUTO 230D	Automotive Service and Repair Work Experience D	4			

Total Units: 32 - 33

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