

## PROGRAM OF STUDY

### Medium/Heavy Duty Truck Service and Repair Certificate of Achievement

Students successfully completing the outlined course of study will be able to perform entry-level service and repair of Medium/Heavy Duty Trucks. This certificate follows the NATEF Master Accreditation standards: Diesel Engines, Drive Train, Brakes, Suspension and Steering, Electrical/Electronic Systems, Heating, Ventilation & Air Conditioning, Preventative Maintenance, and Hydraulics. Students will be eligible to take the ASE (Automotive Service Excellence) certification tests in the Medium/Heavy Duty Truck area and if successful will earn ASE certifications.

		<b>Units</b>
MAG20	Equipment Technician: Diesel Engines, Service Fundamentals, Machine Systems	11
MAG21	Equipment Technician: Transmissions, Torque Converters, & Air Conditioning	8
MAG30	Equipment Technician: Electrical, Hydraulic Systems, & Welding	11
MAG31	Equipment Technician: Fuel Systems & Machine Undercarriage	8
MAG50	Heavy Duty Brake Systems	4
MAG51	Heavy Duty Suspension and Steering	4
MAG19V	Cooperative Work Experience, Mechanized Agriculture	2

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**Total Units****48**

Effective Term: Fall 2017

PID 556