

## Program Description

The Heavy Vehicle Technology diploma program offers training in the practical aspects of diesel engine maintenance and major heavy vehicle subsystems. Students receive classroom and laboratory training using modern test equipment and specialized tools. Students gain hands-on experience in a realistic shop setting where they must demonstrate specific proficiencies. Emphasis is placed on logical diagnostic methods and repair procedures. This program prepares graduates for entry-level employment in the modern heavy vehicle service center in positions such as bus, truck, heavy construction technicians and diesel engine specialists.

Course #	Course Requirements	Clock Hours	Credit Hours
ORN120	Fundamentals of Technology	100	4
HVT122	Heavy Vehicle Electrical and Electronics I	100	4
HVT125	Diesel Fuel Systems	100	4
HVT134	Four Stroke Diesel Engines	100	4
HVT137	Drivelines	100	4
HVT138	Brakes	100	4
HVT139	Steering and Alignment	100	4
HVT223	Environmental Control Systems	100	4
HVT230	Hydraulic Systems	100	4
HVT231	Preventive Maintenance	100	4
HVT244	Heavy Vehicle Electrical and Electronics II	100	4
HVT266	Advanced Heavy Vehicle Systems	100	4
<b>Total</b>		<b>1,200</b>	<b>48</b>

- Students attend class four days per week on various schedules
- Program length is approximately 15 months - all schedules
- At the successful completion of the program, the student will receive a Diploma in Heavy Vehicle Technology