

## DET4: Diesel Equipment Technology Diploma (new)

The Diesel Equipment Technology diploma program is a sequence of courses designed to prepare students for careers in the diesel equipment service and repair profession. Learning opportunities enable students to develop academic, technical and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of truck, heavy equipment, marine systems, or emergency power generator repair theory and practical application necessary for successful employment depending on the specialization area a student chooses to complete.

### **Career Opportunities**

Graduates may find employment as entry-level diesel equipment technicians.

### **Credit Required for Completion: Minimum of 48 credit hours**

#### **Curriculum**

<b>Program Course</b>	<b>Credits</b>
<i>Basic Skills Courses</i>	
_____ EMPL 1000      Interpersonal Relations and Professional Development	2
_____ ENGL 1010      Fundamentals of English I	3
_____ MATH 1012      Foundations of Mathematics	3
<i>Occupational Courses</i>	
_____ COMP 1000      Introduction to Computers	3
_____ DIET 1000      Introduction to Diesel Technology, Tools, and Safety	3
_____ DIET 1010      Diesel Electrical and Electronics Systems	7
_____ DIET 1020      Preventive Maintenance	5
_____ DIET 1030      Diesel Engines	7
_____ DIET 1040      Diesel Truck and Heavy Equipment HVAC Systems	3
<b>-and-</b>	
<b>The following specialization</b>	
<i>Special Occupational Courses (Heavy Equipment Specialization)</i>	
_____ DIET 2001      Heavy Equipment Hydraulics	6
_____ DIET 2011      Off road Drivelines	6