

Diesel Technology  
Associate of Applied Science

**PROGRAM GUIDE**

**FRESHMAN: FIRST SEMESTER**

Course Name

Computer Fundamentals (or Natural & Applied Science)  
OSHA 10/General  
Tools, Fasteners, & Fittings  
Electrical/Electronic Systems  
Advanced Electrical/Electronic Systems  
Diesel Fuel System  
Student Success Seminar (Required)

**FRESHMAN: SECOND SEMESTER**

Course Name

Technical Writing (or English Composition)  
Air Conditioning  
Preventative Maintenance  
Fundamentals of Hydraulics  
Hydraulic Pumps & Motors  
Hydraulic Valves & Cylinders  
Small Engine Repair

**SOPHOMORE: FIRST SEMESTER**

Course Name

Personal Finance (Required)  
Entry Level Driver Training Theory  
CDL Practice Driving/Trip Prep  
Orientation & Safety  
Diesel Engine System\*  
Diesel Engines I  
Electronic Controls, Sensors & Senders  
Specialization/Occupational Work Experience\*

**SOPHOMORE: SECOND SEMESTER**

Course Name

Forklift Operator Training\*  
Powertrains  
Clutches  
Transmission  
Drive Trains  
Suspension and Steering  
Brakes  
Workplace Ethics (Required or Trans. Cr.)  
Technical Math OR Technical Math w/Review (or Math Elective)