

Diesel Technology

Program: Diesel Technology

DIESEL TECHNOLOGY CERTIFICATE – Guided Pathway/Map

1st Semester

Item #	Title	Credits
DEM 105	Preventive Maintenance	3
DEM 122	Heavy Vehicle Brakes	3
DEM 123	Pneumatics and Hydraulics	3
DEM 130	Electrical/Electronic Fundamentals	3
DEM 135	Heavy Vehicle Steering and Suspension	3
ORI 110	Freshman Seminar	1
	Sub-Total Credits	16

2nd Semester

Item #	Title	Credits
DEM 104	Basic Engines	3
DEM 124	Electronic Engine Systems	3
DEM 126	Advanced Engine Analysis	3
DEM 127	Fuel Systems	3
DEM 139	Diesel Emissions and After-treatment Systems	3
	Sub-Total Credits	15

3rd Semester

Item #	Title	Credits
DEM 154	Vehicle Maintenance & Safe Operating Practices	3
DEM 156	CDL License Test Preparation	3
DEM 137	Heating, Air Conditioning/Refrigeration Systems	3
DEM 234	Diesel Electronic Systems (Cab/Chassis)	3
	Sub-Total Credits	12

4th Semester

Item #	Title	Credits
ENG 101	English Composition I	3
MTH 116	Mathematical Applications	3
DEM 118	Industrial and Agricultural Equipment	3
DEM 125	Heavy Vehicle Drive Trains	3
	Sub-Total Credits	12
	Total credits:	55