



## Diesel Technology – Preventative Maintenance Specialist

Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	DEM 105	Preventive Maintenance	3	Fa Sp Su	Required V
		NC3 525 Multi Meter Certification			
	DEM 122	Heavy Vehicle Brakes	3	Fa Sp Su	Required V
		NC3 PMI Tape & Rule Measurement Certification			
	DEM 130	Electrical/Electronic Fundamentals	3	Fa Sp Su	Required V
		NC3 Battery, Starting, Charging Certification			
	DEM 135	Heavy Vehicle Steering and Suspension	3	Fa Sp Su	Required V
		NC3 Torque Theory Certification			
<b>Preventative Maintenance Specialist Short-Term Certificate Total Hours 12</b>					
<b>Certifications</b>					

## Diesel Technology – Diesel Engine Specialist

Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	DEM 104	Basic Engines	3	Fa Sp Su	Required V
		NC3 PMI 5 Micrometer Measurement Certification			
		NC3 PMI 2 Slide Caliper Measurement Certification			
	DEM 124	Electronic Engine Systems	3	Fa Sp Su	Required V
		NC3 Prolink IQ Ultra Certification			
	DEM 126	Advanced Engine Analysis	3	Fa Sp Su	Required V
		NC3 PMI 3 Gage Measurement Certification			
		NC3 Electronic Torque Certification			
	DEM 127	Fuel Systems	3	Fa Sp Su	Required V
<b>Diesel Engine Specialist Short-Term Certificate Total Hours 12</b>					
<b>Certifications</b>					

# Diesel Technology – Transportation Trailer Technology

## Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
<b>Semester 1</b>	DEM 113	Trailer Maintenance and Inspection	3	As Needed	Required IV
	DEM 121	Trailer Air Brakes and Suspension Systems	3	As Needed	Required IV
	DEM 136	Trailer Electrical Systems	3	As Needed	Required IV
	DEM 175	Trailer Structure Repair	3	As Needed	Required IV
<b>Transportation Trailer Technology Short-Term Certificate Total Hours 12</b>					

# Diesel Technology – Heavy Utility Vehicle Specialist

## Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
<b>Semester 1</b>	DEM 220	Heavy Utility Vehicle Safety	3	As Needed	Required IV
	DEM 221	Heavy Utility Vehicle Maintenance and Inspection	3	As Needed	Required IV
	DEM 222	Heavy Utility Vehicle Fluid Power I	3	As Needed	Required IV
	DEM 223	Heavy Utility Vehicle Fluid Power II	3	As Needed	Required IV
	DEM 224	Heavy Utility Vehicle Body Electrical Systems	3	As Needed	Required IV
<b>Heavy Utility Vehicle Specialist Short-Term Certificate 15</b>					

\*May be substituted per advisor's approval

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <http://stars.troy.edu/>

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