



PATHWAYS



**YOUR MAP TO
COMPLETION**

General Diesel Technology Commercial Vehicle Applications

Associate in Applied Science Option I / Certificate / Short-Term Certificate / Certifications

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ENG 101	English Composition I	3	Fa Sp Su	Required I
	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 and 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				
ORI 110	Freshman Seminar	1	Fa Sp Su	Required IV	
Semester 2	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			
DEM 127	Fuel Systems	3	Fa Sp Su	Required V	
*IDS 102	Ethics	3	Fa Sp Su	Required II	
*MTH 100	Intermediate College Algebra	3	Fa Sp Su	Required III	
Semester 3	HIS 101	Western Civilization I	3	Fa Sp Su	Required IV
	DEM 154	Vehicle Maintenance and Safe Operating Practices	3	Fa Sp Su	Required V
	DEM 156	CDL License Preparation	3	Fa Sp Su	Required V
		Commercial Driver's License Certification			
	DEM 118	Industrial and Agricultural Equipment	3	Fa Sp Su	Required V
NC3 PMI 6 Dial Gage Measurement Certification					
DEM 234	Advanced Computer Controlled Electronics Engines	3	Fa Sp Su	Required V	
	NC3 604 Multi Meter Certification				

Semester 4	DEM 125	Heavy Vehicle Drive Trains	3	Fa Sp Su	Required V
		OSHA 10 Certification			
		NC3 PMI 4 Angle Measurement Certification			
	DEM 138	Diesel Emissions and After Treatment Systems	3	Fa Sp Su	Required V
		NC3 Repair Connect- Diesel IQ Ultra Certification			
	DEM 123	Pneumatics and Hydraulics	3	Fa Sp Su	Required V
DEM 137	Heating, Air Conditioning/Refrigeration Systems	3	Fa Sp Su	Required V	
	MACS HVAC Certification				
*MTH 116	Mathematical Applications	3	Fa Sp Su		
Semester 5	DEM 113	Trailer Maintenance and Inspection	3	Fa Sp Su	Required V
		NC3 Torque Theory			
	DEM 121	Trailer Air Brakes and Suspension Systems	3	Fa Sp Su	Required V
		NC3 Mechanical Torque Certification			
	DEM 136	Trailer Electrical Systems	3	Fa Sp Su	Required V
		NC3 Battery, Starting & Charging Certification			
		NC3 525 Multi Meter Certification			
	DEM 175	Trailer Structure Repair	3	Fa Sp Su	Required V
NC3 PMI 1 Tape and Rule Measurement Certification					
General Diesel Technology Commercial Vehicle Applications AAS Total Hours 76					
Certifications Offered					
Diesel Technology Certificate Total Hours 55					
Preventative Maintenance Short-Term Certificate Total Hours 12					
Diesel Engine Specialist Short-Term Certificate Total Hours 12					
Transportation Trailer Technology Short-Term Certificate Total Hours 12					

*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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