



PATHWAYS



**YOUR MAP TO
COMPLETION for
2024-2025**

Diesel General Technology

Associate in Applied Science / Certificate / Short-Term Certificate

Full Time	Course Prefix	Course Title	Credit Hours	Semesters Offered	Area
Semester 1	DEM 105	Preventive Maintenance	3	Fa Sp Su	V
	DEM 122	Heavy Vehicle Brakes	3	Fa Sp Su	V
	DEM 135	Heavy Vehicle Steering and Suspension	3	Fa Sp Su	V
	DEM 130	Electrical/Electronic Fundamentals	3	Fa Sp Su	V
	DEM 123	Pneumatics and Hydraulics	3	Fa Sp Su	V
	ORI 110	Freshman Seminar	1	Fa Sp Su	IV
Semester 2	DEM 104	Basic Engines	3	Fa Sp Su	V
	DEM 126	Advanced Engines	3	Fa Sp Su	V
	DEM 124	Electronic Engine Systems	3	Fa Sp Su	V
	DEM 127	Fuel Systems	3	Fa Sp Su	V
	DEM 139	Diesel Emissions & Aftertreatment Systems	3	Fa Sp Su	V
	ENG 101	English Composition I	3	Fa Sp Su	I
Semester 3	DEM 137	Heating, Air Conditioning/Refrigeration Systems	3	Fa Sp Su	V
	DEM 234	Diesel Electronic Systems (Cab/Chassis)	3	Fa Sp Su	V
	DEM 156	CDL License Test Preparation	3	Fa Sp Su	V
	DEM 154	Vehicle Maintenance & Safe Operating Practices	3	Fa Sp Su	V
	*IDS 102	Ethics	3	Fa Sp Su	II
	*MTH 116	Mathematical Applications	3	Fa Sp Su	III
Semester 4	DEM 125	Heavy Vehicle Drive Trains	3	Fa Sp Su	V
	DEM 118	Industrial and Agricultural Equipment	3	Fa Sp Su	V
	*CIS 149	Digital Literacy	3	Fa Sp Su	III
	*HIS 101	Western Civilization I	3	Fa Sp Su	IV
General Technology Diesel AAS TOTAL HOURS 64					
Diesel Technology Certificate TOTAL HOURS 55					
Preventive Maintenance Specialist Short-Term Certificate TOTAL HOURS 12					
Diesel Engine Specialist Short-Term Certificate TOTAL HOURS 12					
Electrical Vehicle Specialist in Diesel Short-Term Certificate TOTAL HOURS 12					
Commercial Transportation Specialist Short-Term Certificate TOTAL HOURS 9					

* May be substituted per Diesel Instructor's approval

WALLACE STATE
HANCEVILLE • ONEONTA