



PATHWAYS



**YOUR MAP TO
COMPLETION for
2026-2027**

Diesel Technology

Associate in Applied Science / Certificate / Short-Term Certificate

Full Time	Course Prefix	Course Title	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	IV
	DEM 105	Preventive Maintenance	3	Fa	V
	DEM 122	Heavy Vehicle Brakes	3	Fa	V
	DEM 123	Pneumatics and Hydraulics	3	Fa Sp Su	V
	DEM 130	Electrical/Electronic Fundamentals	3	Fa	V
	DEM 135	Heavy Vehicle Steering and Suspension	3	Fa	V
Semester 2	ENG 101	English Composition I	3	Fa Sp Su	I
	DEM 104	Basic Engines	3	Sp	V
	DEM 124	Electronic Engine Systems	3	Sp	V
	DEM 126	Advanced Engines	3	Sp	V
	DEM 127	Fuel Systems	3	Sp	V
	DEM 139	Diesel Emissions & Aftertreatment Systems	3	Fa Sp Su	V
Semester 3	IDS 102*	Ethics	3	Fa Sp Su	II
	MTH 116*	Mathematical Applications	3	Fa Sp Su	III
	DEM 137	Heating, Air Conditioning/Refrigeration Systems	3	Su	V
	DEM 154	Vehicle Maintenance & Safe Operating Practices	3	Su	V
	DEM 156	CDL License Test Preparation	3	Su	V
	DEM 234	Diesel Electronic System (Cab/Chassis)	3	Su	V
Semester 4	CIS 146*	Computer Applications	3	Fa Sp Su	III
	HIS 101*	Western Civilization I	3	Fa Sp Su	IV
	DEM 118	Industrial and Agricultural Equipment	3	Fa Sp Su	V
	DEM 125	Heavy Vehicle Drive Trains	3	Fa Sp Su	V
Diesel Technology 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					
Heavy Duty Electric Vehicle Specialist 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