

TSCC Degree Pathway – Diesel Mechanics

Complete College America
(12 + 12 + 6 = 30)

FACULTY ADVISOR/INSTRUCTOR/COORDINATOR

Robert Warren

334-420-4365

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This degree pathway document serves as an advising resource and course guide for faculty and students. Students are strongly advised to enroll in any required Math or English courses during the first semester. Course offerings are subject to change based on availability during any semester and final enrollment numbers.

Semester 1 Spring				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
ENG100 – Vocational and Technical English	3	3	I	
DEM122 – Heavy Vehicle Brakes	3	5	V	
DEM123 – Pneumatics and Hydraulics	3	5	V	
DEM125 – Heavy Vehicle Drive Trains	3	5	V	
DEM128 – Power Train Lab	3	9	V	
5 Classes Total	15	27		
ORI101 Orientation to College	1	1		
6 Classes Total	16	28		

Semester 2 Spring				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
ENG100 – Vocational and Technical English	3	3	I	
DEM122 – Heavy Vehicle Brakes	3	5	V	
DEM123 – Pneumatics and Hydraulics	3	5	V	
DEM125 – Heavy Vehicle Drive Trains	3	5	V	
DEM128 – Power Train Lab	3	9	V	
5 Classes Total	15	27		

Semester 3 Summer				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
DEM130 – Electrical/Electronic Fundamentals	3	5	V	
DEM145 – Electrical Schematics and Symbols	3	3	V	
DEM181 -. Special Topics in Electrical	3	6	V	
DEM191 – Special Projects in Electrical	3	4	V	
4 Classes Total	12	18		

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Semester 1 Summer				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
DEM130 – Electrical/Electronic Fundamentals	3	5	V	
DEM145 – Electrical Schematics and Symbols	3	3	V	
DEM181 -. Special Topics in Electrical	3	6		
DEM191 – Special Projects in Electrical	3	4		
4 Classes Total	12	18		
ORI101 Orientation to College	1	1		
5 Classes Total	13	19		

Semester 2 Fall				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
MTH116 – Math Application	3	3	III	
DEM119 – Bearing Lubricants	3	5	V	
DEM129 – Diesel Engine Lab	3	9	V	
DEM146 – Engine Fundamentals	3	5	V	
DEM147 Fuel and Ignition Systems	3	5	V	
5 Classes Total	15	27		

Semester 2 Summer				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
DEM130 – Electrical/Electronic Fundamentals	3	5	V	
DEM145 – Electrical Schematics and Symbols	3	3	V	
DEM181 -. Special Topics in Electrical	3	6	V	
DEM191 – Special Projects in Electrical	3	4	V	
4 Classes Total	12	18		

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Semester 3 Fall				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
MTH116 – Math Application	3	3	III	
DEM119 – Bearing Lubricants	3	5	V	
DEM129 – Diesel Engine Lab	3	9	V	
DEM146 – Engine Fundamentals	3	5	V	
DEM147 Fuel and Ignition Systems	3	5	V	
5 Classes Total	15	27		

Semester 3 Spring				
Course Name	Credit Hours	Contact Hours	Area	Course Notes
ENG100 – Vocational and Technical English	3	3	I	
DEM122 – Heavy Vehicle Brakes	3	5	V	
DEM123 – Pneumatics and Hydraulics	3	5	V	
DEM125 – Heavy Vehicle Drive Trains	3	5	V	
DEM128 – Power Train Lab	3	9	V	
5 Classes Total	15	27		