

PROGRAM PLANNING GUIDE

**DIESEL AND HEAVY EQUIPMENT TECHNOLOGY
D60460**

Replaces Curriculum Schedule with Revision Date: FA2019

Date Revised: FA2021

CURRICULUM BY SEMESTER

Course No.			Course Title			Hours Per Week		
						Class	Lab	Credits
Semester 1								
ENG	110	Freshman Composition				3	0	3
TRN	120	Basic Transportation Electricity				4	3	5
TRN	120A	Basic Transportation Electrical Lab				0	3	1
TRN	140	Transportation Climate Control				1	2	2

Semester 2								
HET	110	Diesel Engines				3	9	6
HET	134	Diesel Fuel and Power System				2	3	3
HYD	112	Hydraulics-Medium and Heavy Duty				1	2	2

Semester 3								
TRN	110	Introduction to Transport Technology				1	2	2
TRN	170	PC Skills for Transportation				1	2	2

Semester 4								
HET	114	Power Trains				3	6	5
HET	231	Medium/Heavy Duty Brake Systems				1	3	2
HET	232	Medium/Heavy Duty Brake Systems Lab				0	3	1
HYD	134	Hydraulics/Hydrostatic Construction				2	4	4
PSY	118	Interpersonal Psychology				3	0	3

Semester 5								
ELN	112	Diesel Electronics System				2	6	4
HET	125	Preventive Maintenance				1	3	2

Graduation Requirement Credit Hours: 47