

# PROGRAM PLANNING GUIDE

## DIESEL AND HEAVY EQUIPMENT TECHNOLOGY D60460

Replaces Curriculum Schedule with Revision Date: FA2014

Date Revised: FA2018

### CURRICULUM BY SEMESTER

			Hours Per Week		
Course No.		Course Title	Class	Lab	Credits
Fall Semester 1					
TRN	170	PC Skills for Transportation	1	2	2
TRN	120	Basic Transportation Electricity	4	3	5
TRN	120A	Basic Transportation Electricity Lab	0	3	1
TRN	140	Transportation Climate Control	1	2	2
TRN	110	Introduction to Transport Technology	1	2	2
ENG	110	Freshman Composition	3	0	3

Spring Semester 1					
HET	110	Diesel Engines	3	9	6
		Major Elective 1	-	-	2

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

Spring Semester 2					
HET	134	Mechanical Fuel Injection	2	3	3
HET	125	Preventative Maintenance	1	3	2
		Major Elective 2	-	-	4

Graduation Requirement Credit Hours: 47

Students entering curriculum other than in the First Semester or on a part-time basis will select course sequence with assistance from advisor.

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MAJOR ELECTIVES					
			Hours Per Week		
Course No.	Course Title		Class	Lab	Credits
Major Electives 1		Credit Hours Needed:	2		
HYD	110	Hydraulics/Pneumatics I	2	3	3
HYD	112	Hydraulics-Medium and Heavy Duty	1	2	2
Major Electives 2		Credit Hours Needed:	4		
ELN	110	Survey of Electronics	2	2	3
ELN	112	Diesel Electronics System	2	6	4
ELN	113	Electronic Fuel Injection	1	2	2
HET	115	Electronic Engines	2	3	3
HET	128	Medium/Heavy Duty Tune Up	1	2	2
HET	192	Selected Topics in HEATT	-	-	2