

**PROGRAM PLANNING GUIDE**

**DIESEL AND HEAVY EQUIPMENT TECHNOLOGY  
A60460**

Replaces Curriculum Schedule with Revision Date: FA2015

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
		Major Elective 1	-	-	2

Spring Semester 1					
HET	110	Diesel Engines	3	9	6
HET	233	Suspension and Steering	2	4	4
MAT	110	Math Measurement & Lit	2	2	3
		Major Elective 2	-	-	2

Summer Semester 1					
		Major Elective 3	-	-	2

Fall Semester 2					
HET	114	Power Trains	3	6	5
HYD	134	Hydraulics/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
COM	120	Intro to Interpersonal Communication	3	0	3
PSY	118	Interpersonal Psychology	3	0	3

Spring Semester 2					
HET	134	Mechanical Fuel Injection	2	3	3
PME	211	Adv Equipment Repair	2	6	4
HET	125	Preventative Maintenance	1	3	2
HUM	121	The Nature of America	3	0	3
		Major Elective 1	-	-	4

<b>Graduation Requirement Credit Hours:</b>					<b>68</b>
---	--	--	--	--	-----------

Other work-based learning choices may be available. See your advisor.

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

**PROGRAM PLANNING GUIDE**

<b>MAJOR ELECTIVES</b>								
<b>Course No.</b>			<b>Course Title</b>			<b>Hours Per Week</b>		
						<b>Class</b>	<b>Lab</b>	<b>Credits</b>
Major Electives 1			Credit Hours Needed:	6				
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		
Major Electives 2			Credit Hours Needed:	2				
HYD	110	Hydraulics/Pneumatics I		2	3	3		
HYD	112	Hydraulics-Medium and Heavy Duty		1	2	2		
Major Electives 3			Credit Hours Needed:	2				
WBL	111	Work-Based Learning I		0	10	1		
WBL	112	Work-Based Learning I		0	20	2		
WLD	112	Basic Welding Processes		1	3	2		