

**PROGRAM PLANNING GUIDE**

**CONSTRUCTION EQUIPMENT SYSTEMS TECHNOLOGY  
D60450**

Replaces Curriculum Schedule with Revision Date: FA2012

Date Revised: FA2013

**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
PME	221	Construction Equipment Servicing	1	2	2
PME	118	Undercarriage Components	1	2	2

Fall Semester 2					
HET	114	Power Trains	3	6	5
HYD	134	Hydraulic/Hydrostatic Construction	2	4	4
PME	117	Equipment Braking Systems	2	3	3
PSY	118	Interpersonal Psychology	3	0	3

Spring Semester 2					
HET	134	Mechanical Fuel Injection	2	3	3
		Major Elective	-	-	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.

**MAJOR ELECTIVES**

			Hours Per Week		
Course No.	Course Title		Class	Lab	Credits
Major Electives 1			Credit Hours Needed: 4		
ELN	112	Diesel Electronics Systems	2	6	4
ELN	110	Survey of Electronics	2	2	3
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