

PROGRAM PLANNING GUIDE

AGRICULTURAL SYSTEMS TECHNOLOGY A60410

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 Transportation Tech	1	2	2
ENG	110	Freshman Composition	3	0	3
HUM	121	The Nature of America	3	0	3
		Major Elective 1	-	-	2

Spring Semester 1					
HET	110	Diesel Engines	3	9	6
HET	134	Mechanical Fuel Injection	2	3	3
PME	112	Consumer Products	1	2	2
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	Hydraulic/Hydrostatic Construction	2	4	4
PME	121	Component Controls	1	3	2
COM	120	Intro to Interpersonal Communication	3	0	3
PSY	118	Interpersonal Psychology	3	0	3

Spring Semester 2					
ELN	112	DC/AC Electricity	2	6	4
PME	122	Agricultural Telematics	2	3	3
PME	111	Planters & Sprayers	2	6	4
		Major Elective 1	-	-	4

Graduation Requirement Credit Hours: 70

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MAJOR ELECTIVES					
			Hours Per Week		
Course No.	Course Title		Class	Lab	Credits
Major Electives 1		Credit Hours Needed:	6		
PME	211	Adv Equipment Repair	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
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	Worked-based Learning I	0	10	1
WBL	112	Worked-based Learning I	0	20	2
WLD	112	Basic Welding Processes	1	3	2