

PROGRAM PLANNING GUIDE

AGRICULTURAL SYSTEMS TECHNOLOGY A60410



Replaces Curriculum Schedule with Revision Date: FA2023

Date Revised: FA2024

CURRICULUM BY SEMESTER

			Hours Per Week		
Course No.		Course Title	Class	Lab	Credits
Semester 1					
ELN	110	Survey of Electronics	2	2	3
ENG	110	Freshman Composition	3	0	3
HUM	121	The Nature of America	3	0	3
HYD	112	Hydraulics - Medium and Heavy Duty	1	2	2
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
Total Semester Hours					19
Semester 2					
HET	110	Diesel Engines	3	9	6
HET	134	Diesel Fuel and Power System	2	3	3
MAT	110	Math Measurement and Literacy	2	2	3
PME	112	Consumer Products	1	2	2
Total Semester Hours					14
Semester 3					
PME	121	Component Controls	1	3	2
TRN	110	Introduction to Transport Technology	1	2	2
TRN	170	PC Skills for Transportation	1	2	2
WBL	112TC	Work-Based Learning I	0	20	2
Total Semester Hours					8
Semester 4					
COM	120	Intro to Interpersonal Communication	3	0	3
HET	114	Power Trains	3	6	5
HYD	134	Hydraulic/Hydrostatic Construction	2	4	4
PME	111	Harvest and Spraying Equipment	2	6	4
PSY	118	Interpersonal Psychology	3	0	3
Total Semester Hours					19
Semester 5					
ELN	112	Diesel Electronics System	2	6	4
PME	122	Agricultural Telematics	2	3	3
PME	211	Adv Equipment Repair	2	6	4
Total Semester Hours					11
Graduation Requirement Credit Hours:					71