

Applied Engineering Technology

A.A.S. Degree - A40130

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TOTAL HOURS FOR CREDENTIAL				
Class	Lab	Clinic	Work	Credit
42	61	0	0	67

Fall I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ACA 115	Success & Study Skills			0	2	0	0	1
CIS 110	Introduction to Computers			2	2	0	0	3
ELC 112	DC/AC Electricity			3	6	0	0	5
ELC 113	Residential Wiring			2	6	0	0	4
ISC 112	Industrial Safety			2	0	0	0	2
MEC 111	Machine Processes I			1	4	0	0	3
Semester Totals:				10	20	0	0	18

Spring I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ELC 117	Motors and Controls			2	6	0	0	4
ELC 128	Introduction to PLC			2	3	0	0	3
HYD 110	Hydraulics and Pneumatics			2	3	0	0	3
MEC 110	Intro to CAD/CAM			1	2	0	0	2
	Behavioral/Social Sciences Elective			3	0	0	0	3
Semester Totals:				10	14	0	0	15

Summer I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ENG 110 <i>OR</i>	Freshman Composition <i>OR</i>							
ENG 111	Writing and Inquiry	See Catalog		3	0	0	0	3
MAT 110	Math Measurement & Literacy	See Catalog		2	2	0	0	3
Semester Totals:				5	2	0	0	6

Fall II

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
AHR 110	Introduction to Refrigeration			2	6	0	0	5
BPR 111	Print Reading			1	2	0	0	2
ELC 118	National Electric Code			1	2	0	0	2
ELC 125	Diagrams & Schematics			1	2	0	0	2
ELC 127	Software for Technicians			1	3	0	0	2
Semester Totals:				6	15	0	0	13

Spring II

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
COM 231 <i>OR</i>	Public Speaking <i>OR</i>							
ENG 115	Oral Communication			3	0	0	0	3
ELC 114	Commercial Wiring			2	6	0	0	4
ELC 119	NEC Calculations			1	2	0	0	2
WLD 141	Symbols & Specifications			2	2	0	0	3
	Humanities/Fine Arts Elective			3	0	0	0	3
Semester Totals:				11	10	0	0	15

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