

Industrial Systems Technology

Associate in Applied Science - A50240

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TOTAL HOURS FOR CREDENTIAL				
Class	Lab	Clinic	Work	Credit
42	60	0	0	64

Fall I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ACA 115	Success and Study Skills			0	2	0	0	1
BPR 111	Print Reading			1	2	0	0	2
HYD 110	Hydraulics and Pneumatics			2	3	0	0	3
ELC 112	DC/AC Electricity			3	6	0	0	5
ISC 112	Industrial Safety			2	0	0	0	2
MNT 110	Intro to Maintenance			1	3	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
CIS 110	Introduction to Computers			2	2	0	0	3
ELC 117	Motors and Controls			2	6	0	0	4
ELC 128	Intro to PLC			2	3	0	0	3
	Humanities/Fine Arts Elective			3	0	0	0	3
MEC 110	Intro to CAD/CAM			1	2	0	0	2
Semester Totals:				10	13	0	0	15

Summer I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
ENG 110 <i>OR</i> ENG 111	Freshman Composition <i>OR</i> Writing and Inquiry	See Catalog		3	0	0	0	3
Semester Totals:				3	0	0	0	3

Fall II

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
AHR 111	HVACR Electricity			3	2	0	0	3
MAT 110	Math Measurement & Literacy	See Catalog		2	2	0	0	3
WLD 110	Cutting Processes			1	3	0	0	2
WLD 112	Basic Welding			1	3	0	0	2
WLD 121	GMAW (MIG) FCAW/Plate			2	6	0	0	4
Semester Totals:				9	16	0	0	14

Spring II

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
WLD 115	SMAW (Stick) Plate			2	9	0	0	5
COM 231 <i>OR</i> ENG 115	Public Speaking <i>OR</i> Oral Communication			3	0	0	0	3
	Behavioral/Social Sciences Elective			3	0	0	0	3
WLD 141	Symbols & Specifications			2	2	0	0	3
Semester Totals:				10	11	0	0	14

Other Course Information (if applicable)