

# Industrial Systems Technology

Associate in Applied Science - A50240

Ryal Watkins, Division Chair

Email: [academics@martincc.edu](mailto:academics@martincc.edu)



TOTAL HOURS FOR CREDENTIAL				
Class	Lab	Clinic	Work	Credit
43	59	0	0	65

## 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
ELC 112	DC/AC Electricity			3	6	0	0	5
ISC 112	Industrial Safety			2	0	0	0	2
MEC 111	Machine Processes I			1	4	0	0	3
MEC 130	Mechanisms			2	2	0	0	3
<b>Semester Totals:</b>				<b>9</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>16</b>

## Spring I

Course	Course Title	Prerequisites	Corequisites	Class	Lab	Clinic	Work	Credit
CIS 110	Introduction to Computers			2	2	0	0	3
DFT 119	Basic CAD			1	2	0	0	2
ELC 117	Motors and Controls			2	6	0	0	4
ELC 128	Intro to PLC			2	3	0	0	3
HYD 110	Hydraulics and Pneumatics			2	3	0	0	3
	Humanities/Fine Arts Elective			3	0	0	0	3
<b>Semester Totals:</b>				<b>12</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>18</b>

## Summer I

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

## 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
<b>Semester Totals:</b>				<b>9</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>14</b>

## Spring II

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