

Industrial Systems Technology (A50240)

Associate in Applied Science

Full Time Program Guide

Program Notes:

- Industrial Systems Technology associate degree requires Work-Based Learning (WBL). For WBL courses, students must complete an intake form with their advisor.
- Credit for prior learning may be available for some courses.

Program Options: Industrial Systems Technology offers an associate degree (A50240), diploma (D50240), and certificate (C50240).

Financial Aid Eligibility: Yes

Course #	Course Name	Credit Hrs.	Term Offered	Term Completed	Grade
Fall Semester					
ACA 122	College Transfer Success	1	F, S, SU		
MAT 143	Quantitative Literacy	3	F, S, SU		
ENG 111	Writing and Inquiry	3	F, S, SU		
MNT 110	Intro. To Maintenance	2	F		
MEC 111	Machine Processes Elective	3	F		
XXX	Humanities/Fine Arts Elective	3	See List		
Semester Totals:		15			
Spring Semester					
WLD 112	Basic Welding	2	F, S, SU		
XXX	Communications Elective	3	See List		
HYD 110	Hydraulics	3	S		
MEC 130	Mechanisms	3	S		
CIS 110	Intro. To Computers	3	F, S, SU		
Semester Totals:		14			
Summer Semester					
ELC 117	Motors and Controls	4	SU		
WBL 111	Work Based Learning Seminar I	1	F, S, SU		
WBL 115	Work Based Experience I	1	F, S, SU		
Semester Totals:		6			

Fall Semester			
ELC 113	Basic Wiring	4	F
ISC 170	Problem Solving Skills	3	F
ELC 128	Intro. To PLC	3	F
ELC 115	Industrial Wiring	4	F
BPR 111	Blueprint Reading	2	F
ISC 112	Industrial Safety	2	F
Semester Totals:		18	
Spring Semester			
ELC 112	DC/AC Electricity	5	S
DFT 119	Basic CAD	2	S
WLD 121	GMAW (MIG)	4	F, S, SU
OR	OR		
WLD 131	GMAW (TIG)		
XXX	Social/Behavioral Science Elective	3	See List
Semester Totals:		14	
Program Totals:		67	

Course #	Course Name	Credit Hrs.	Term Offered
<i>Humanities Electives: Choose 1</i>			
HUM 110	Technology and Society	3	F
HUM 115	Critical Thinking	3	F, S, SU
<i>Communications Elective: Choose 1</i>			
COM 120	Intro to Interpersonal Comm.	3	F, S
COM 231	Public Speaking	3	F, S, SU
<i>Social/Behavioral Science: Choose 1</i>			
ECO 251	Principles of Microeconomics	3	F, S, SU
PSY 150	General Psychology	3	F, S, SU
SOC 210	Intro. to Sociology	3	F, S, SU