



Program of Study Curriculum Sheet

Student ID: _____

Catalog: 2024-2025 Academic Catalog

Student Name: _____

Program: **Industrial Systems Technology**

Advisor Name: _____

Program Code: A50240

FALL I

Course Name	Contact Hours	Credit Hours	Term Taken	Grade	Gen Ed
ATR 112 - Intro to Automation (Picklist Option 1 of 4)	5	3			
ELC 131 - Circuit Analysis I	6	4			
ELC 131A Circuit Analysis I Lab	3	1			
MEC 130 - Mechanisms	4	3			
General Education Elective - Suggested English	3	3			
ACA College Success Elective	1	1			
Total Recommended Semester Hours		15	Industrial Systems Technology Level I Certificate C50240001		

SPRING I

Course Name	Contact Hours	Credit Hours	Term Taken	Grade	Gen Ed
BPR 111 - Print Reading	3	2			
HYD 110 - Hydraulics/Pneumatics I	5	3			
MEC 111 - Machine Processes I	5	3			
Safety Elective	2 or 3	2			
Welding Elective	4	2			
General Education Elective - Suggested Math	3	3			
Total Recommended Semester Hours		15	Industrial Systems Technology Level II Certificate C50240002		

SUMMER I

Course Name	Contact Hours	Credit Hours	Term Taken	Grade	Gen Ed
BPM 110 - Bioprocess Practices	7	5			
ELC 115 - Industrial Wiring (Picklist Option 1 of 4)	8	4			
MNT 220 - Rigging and Moving	4	2			
General Education Elective	3	3			
Total Recommended Semester Hours		14	Industrial Systems Technology Level III Certificate C50240003		

FALL II

Course Name	Contact Hours	Credit Hours	Term Taken	Grade	Gen Ed
ELC 117 - Motors and Controls (Picklist Option 1 of 4)	8	4			
ELC 128 - Introduction to PLC	5	3			
MNT 240 - Indust Equipment Troubleshooting	4	2			
PTC 110 - Industrial Environment	3	3			
General Education Elective	3	3			
Total Recommended Semester Hours		15	Industrial Systems Technology Level IV Certificate C50240004		

SPRING II

Course Name	Contact Hours	Credit Hours	Term Taken	Grade	Gen Ed
ATR 115 - Intro to Mechatronics (Picklist Option 1 of 4)	6	4			
ELC 228 - PLC Applications	8	4			
MNT 160 - Industrial Fabrication	4	2			
General Education Social/Behavioral Elective	3	3			
Total Recommended Semester Hours		13	Industrial Systems Technology Level IV Certificate C50240005		
Total Program Hours		65	AAS In Industrial Systems Technology Degree		

General Education Electives:

Take 1: ACA College Success Electives - ACA 111 or ACA 122

Take 1: Math Electives - MAT 110, MAT 143, MAT 121, MAT 171

Take 2: English or Communication Electives: ENG 111 (required) and then ENG 112, COM 110, COM 120 or COM 231

Take 1: Fine Arts or Humanities Electives: HUM 110, HUM 115, MUS 110, ART 111, PHI 240

Take 1: Social or Behavioral Electives: PSY 150, SOC 210, SOC 213, ECO 251, ECO 252

Take 1: Safety Electives: ISC 112 Industrial Safety (online, no OSHA Card) or ISC 121 Envir Health & Safety (in person, OSHA Card available)

Picklist: Must take minimum of 7 hours (ATR 112 (3), ELC 115(4), ELC 117(4) or ATR 115(3))

Student should seek advice from program coordinator if interested in internship in 2nd year of program.

Students interested in transfer to ECU Bachelor's Degree in Industrial Technology or other universities should consult with program coordinator or department chair for appropriate course selections

Program Coordinator of Industrial Systems Technology: Tony Gallardo, WMW 217A, tfgallardo090@my.pittcc.edu, (252) 493-7647

Chair of Industrial & Engineering Technologies: Amy Stephenson, ABW 130A, atstephenson506@my.pittcc.edu, (252) 493-7328

Advising Notes: