



# ELECTRONICS & INDUSTRIAL CONTROLS (AAS)

Minimum required credits for AAS: 62

**Campus Requirement:**

School Taken	Term Taken	Course Name	Credit	Complete	Grade
		UNIV 100 College Strategies or 101 College Transitions	1		
		<b>Total Credits:</b>	<b>1</b>		

**General Education Requirements:** (At least one course in each must be taken):

School Taken	Term Taken	Course Name	Credit	Complete	Grade
		Math, Computer Science			
		Communication			
		Wellness			
		Humanities or Social Science			
		<b>Total General Education Credits:</b>	<b>15</b>		

**Program Requirements:**

	Term Taken	Course Name	Credit	Complete	Grade
	Fall 1	CIS 164 - Networking Fundamentals I	3		
	Fall 1	TECH 101 - Introduction to Technical Concepts	3		
	Fall 1	TECH 103 - DC Circuits	3		
	Fall 1	PTLO 135 - Hydraulics & Pneumatics	3		
	Spring 1	TECH 104 - AC Circuits	3		
	Spring 1	TECH 105 - Electronics & Instrumentation	3		
	Spring 1	TECH 107 - Digital Fundamentals	3		
	Spring 1	TECH 143 - Programmable Controllers I	3		
	Fall 2	TECH 145 - Programmable Controllers II	3		
	Fall 2	TECH 200 - Field Device Networks	3		
	Fall 2	TECH 130 - Electric Motor Control	3		
	Fall 2	TECH 210 - Process Control I	3		
	Spring 2	TECH 212 - Process Control II	3		
	Spring 2	TECH 215 - SCADA & Process Visualization	3		
	Spring 2	TECH 220 - Control System Installation & Troubleshooting	3		
	Spring 2	COOP 197 – Cooperative Education/Internship	1		
		<b>Total Program Requirements:</b>	<b>46</b>		