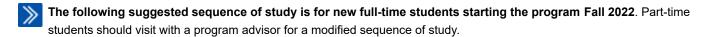
Industrial Automation Technology AAS Degree Courses

Award	Associate of Applied Science (AAS)
Credits	66
Program Start	Fall
Time to Complete	2 years

2022–2023 Suggested Sequence of Study



When registering for classes refer to Self-Service > Student Planning to view your specific program requirements, your progress, and ensure proper registration.

Courses are subject to change.

•	General education course.
■	Non-transfer general education course.
>	Course has a prerequisite and/or corequisite.
0	Course meets 100% online.
E	Course meets face-to-face after 5:00pm.
8WK1	Course meets the first 8 weeks of the term.
8WK2	Course meets the second 8 weeks of the term.

Term 1		
ELT-139 Electrical Systems ▶	8WK1	3
EGT-140 Fluid Power	8WK2	2
ELT-239 Advanced Electrical Systems ►	8WK2	3
ELT-315 Digital Logic for Industrial Applications ▶ -OR-		2
EGT-420 PLTW - Digital Electronics		3
IND-111 Industrial Safety Mechanical Systems		1
IND-153 Industrial Mechanics		3
MAT-772 Applied Math -OR-		3
Math Elective		3

Total Credits 17

Term 2					
ELT-215	Motors and Controls ▶	8WK1		2	
ELT-736	Instrumentation and Control ▶	8WK1		2	
ELT-234	PLC Programming ▶	8WK2		2	
WEL-339	Electromechanical Maintenance	8WK2		3	
EGT-149	Fluid Power Systems II ▶			3	
MFG-193	Machine Shop Processes			3	
PSY-102	Human and Work Relations -OR-		ΟE	3	*
PSY-111	Introduction to Psychology -OR-		ΟE	3	•
SOC-110	Introduction to Sociology		ΟE	3	•

Total Credits 18

Term 3		
EGT-154 Pneumatics	8WK1	2
EGT-212 Hydraulics Troubleshooting ►	8WK1	2
ELT-532 Semiconductors for Industrial Applications ▶	8WK1	2
ELT-216 DC Controls Circuits ▶	8WK2	2
ELT-240 PLCs II ▶	8WK2	2
ELT-120 Schematics for Electromechanical Techs ▶		3
SPC-101 Fundamentals of Oral Communication		3

Total Credits 16

Term 4					
ELT-133	Electric Motor Drives	8WK1		2	
ELT-245	PLCs III ►	8WK1		2	
MFG-366	General CNC Mill Maintenance	8WK1		2	
ATR-145	Applied Industrial Robotics	8WK2		2	
ELT-444	Industrial Networking ►	8WK2		2	
ELT-818	Electrical Troubleshooting ►	8WK2		2	
COM-781	Written Communication in the Workplace ▶ -OR-		ΟE	3	•
ENG-105	Composition I ►		ΟE	3	•

Total Credits 15

Math Electives	
MAT-102 Intermediate Algebra	4
MAT-110 Math for Liberal Arts ►	3
MAT-121 College Algebra ▶	4
MAT-128 Precalculus ▶	4
MAT-134 Trigonometry and Analytic Geometry ▶	3
MAT-156 Statistics ►	3
MAT-210 Calculus I ►	4