

Curriculum Evaluation

Automation Technology

Certificate of Program Completion (Catalog Year: 2026, Required Hours: 900, Credits: 30)

Core (Required Hours: 630, Credits: 21)

<i>Automation Technology (Required Hours: 630, Credits: 21)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TEAM 1010	Essential Skills and Safety	3.00	90.00	1	
TEAM 1020	Pneumatics	2.00	60.00	1	
TEAM 1030	Hydraulics	2.00	60.00	1	
TEAM 1040	Industrial Mechanics	3.00	90.00	1	
TEAM 1050	Electrical Systems	2.00	60.00	1	
TEAM 1060	Motor Controls	3.00	90.00	1	
TEAM 1070	Programmable Logic Controllers	4.00	120.00	1	
TEAM 1080	Applied System Diagnostics	2.00	60.00	1	

Electives (Required Hours: 270, Credits: 9)

<i>Automation Technology (Required Hours: 270, Credits: 9)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TEAM 1015	Electronic Fundamentals for Industrial Automation	4.00	120.00	1	
TEAM 1105	Electric Motor Drives	3.00	90.00	1	
TEAM 1140	Industrial Robotics	3.00	90.00	1	
TEAM 1170	UAV Drone Technology	1.00	30.00	1	
TEAM 1300	Building Control Panels	3.00	90.00	1	
TEAM 1500	Instrumentation Process Control	3.00	90.00	1	
TEAM 1550	Process Technology Equipment and System Operators	3.00	90.00	1	
TEAM 1600	Microcontroller and Microprocessor Programming	2.00	60.00	1	
TEAM 1620	Electronics Assembly and Soldering	2.00	60.00	1	
TEAM 1800	Renewable Energy	2.00	60.00	1	
TEAM 1810	Lean Manufacturing (Six Sigma)	1.00	30.00	1	
TEAM 1820	Semiconductor Devices	4.00	120.00	1	
TEAM 1830	Aerospace Technician	2.00	60.00	1	
TEAM 1910	Automation Externship	2.00	90.00	1	
TEDR 1221	Production Drafting I	1.00	30.00	1	
TEWT 1008	Welding for Manufacturing	2.00	60.00	1	
WWSK 1500	Job Seeking Skills	1.00	30.00	6	

Additional Electives (Required Hours: 0)

<i>Automation Technology (Required Hours: 0)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TEAM 0000	Automation Technology Orientation	0.00	1.00	1	