

Richmond Community College

Advanced Manufacturing Pathway: Industrial Systems



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Career and College Promise

Industrial Systems Technology Certificate

BPR 111	Blueprint Reading
ELC 112	DC/AC Electricity
ELC 120	Introduction to Wiring
ISC 112	Industrial Safety
MNT 110	Intro. to Maintenance Processes
WLD 112	Basic Welding Processes



Industrial Systems Technology A.A.S. Degree

Certificate courses plus:

ACA 122	College Transfer Success
CIS 110	Introduction to Computers
ELC 117	Motors and Controls
ELC 125	Diagrams and Schematics
ELC 128	Introduction to PLCs
ELN 229	Industrial Electronics
ENG 111	Writing and Inquiry
ENG 112	Writing/Research in the Disciplines
or	
COM 231	Intro to Public Speaking
HYD 110	Hydraulics Pneumatics I
HYD 180	Pneumatics and Automation
MAC 114	Introduction to
MAT 143	Quantitative Literacy
MEC 111	Machine Processes I
MEC 130	Mechanisms
MNT 230	Pumps and Piping Systems
MNT 240	Ind. Equip. Troubleshooting
Elective	Humanities
Elective	Social/Behavioral Science



Careers

Electrical Technician	Estimated entry-level wages range from
Industrial Systems Technician	\$25,000 - \$40,000
Industrial Maintenance Technician	annually
Manufacturing Technician	

Source: North Carolina Employment Security Commission

Career Technical Education Pathways are based on the best information available when published. The RCC Program and Course Catalog is the official source for all RCC program and course information.

For more information about this pathway, contact Kary Edmondson at 910.410.1928 or kcedmondson@richmondcc.edu.

Revised: 10.01.15