

Electro-Mechanical Automation Technology

CAREER PATHWAY



COURSES	CREDITS		ELECTRO-MECHANICAL AUTOMATION TECHNOLOGY ASSOCIATE DEGREE
Industrial Wiring	2 credits	●	●
Fluid Power 1	2 credits	●	●
Robotic Mechanical Maintenance	1 credit	●	●
Tools and Measurement	1 credit	●	●
College Technical Math 1A	3 credits	●	●
DC Fundamentals	2 credits		●
Electrical Robotic Maintenance	1 credit		●
Written Communications	3 credits		●
Fluid Power 2	3 credits		●
Programmable Controllers-Allen Bradley	3 credits		●
Industrial Controls and Motors	3 credits		●
AC Fundamentals	2 credits		●
General Physics 1	4 credits		●
Oral/Interpersonal Communication	3 credits		●
Mechanical Drive Systems	3 credits		●
Programmable Controllers-Allen Bradley Advanced	2 credits		●
Electronic Devices/Transducers	2 credits		●
Electromechanical Systems	2 credits		●
Robotics Introduction	2 credits		●
NEC Codes	1 credit		●
Touchscreen Applications	2 credits		●
Industrial Networks	2 credits		●
Robotics Advanced	2 credits		●
Frequency Drives	1 credit		●
Industrial Troubleshooting	1 credit		●
Industrial Applications	4 credits		●
Analog Controls	2 credits		●
Integration of Manufacturing	2 credits		●
Introduction to Sociology OR Economics	3 credits		●
Introduction to Psychology	3 credits		●
Total credits		9	67

LEADS TO:	CERTIFICATION	Snap On Multimeter 575, Snap On Mechanical Torque, Starrett Precision Measuring, Tape and Rule, Slide Caliper, Angle Measurement, Gage Measurement, Micrometer Measurement, Dial Gage Measurement	The certifications in the certificate PLUS: Snap On Multimeter 604, prepared for Fanuc Certification
	CAREER	Maintenance Helper, Mechanic Helper, Electrician Helper	Electro-Mechanical Technician
	POTENTIAL MEDIAN SALARY*	**	\$55,182

*Salary data is derived from surveys collected by the U.S. Bureau of Labor Statistics and mapped to LTC programs using economic modeling software. As with any survey data, the wages presented here are prone to error and sampling bias. Educational decisions should not be entirely based on the data presented here. The wage data presented here is the median annual salary from May 2014 – May 2019 of each program's occupation cluster in the LTC District as reported by EMSI (Economic Modeling Specialists Intl.). Some people beginning work at jobs in these fields may find a higher or lower starting wage than what is reported here.



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