



Mechatronics Technician

24-credit Apprenticeship

www.wctc.edu/mechatronics

If you are an analytical problem solver skilled in math, enjoy a technical challenge, and you have an interest in combining elements of mechanical and electrical systems with electronics, a job in mechatronics may be right for you. Those in this field commonly work to solve technical problems and maintain automated mechanical equipment.

About This Program

Automated systems have become standard in many industries to provide reliable ways to program and control machine movements. Explore robotics and programmable logic controllers, and discover how automation principles apply to business/industry. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.



Career Salaries

\$46,000 - \$64,000 annually

Salary range estimates based on wages for related occupations in Waukesha County as reported by Economic Modeling Specialists International (EMSI). Individual wages may vary based on experience, industry, location and specific job requirements.



Potential Careers

Mechatronics Technician

What Makes This Program Unique

- Develop skills in WCTC's state-of-the-art Terry Lutz Integrated Manufacturing Center, which features flexible, automated work cells.
- Learn about machine and process integration, and work on the latest in training simulators.
- Once you complete your apprenticeship, you will be on your way to a successful long-term career with competitive wages and little or no educational debt.



PROGRAM CODE 50-620-1

CORE COURSES

Credits

442-505	Welding for Apprentices	1
620-702	Mechatronic Principles	2
620-703	DC Electricity	1
620-704	AC Electricity	1
620-705	Motors & Motor Control	2
620-706	Electrical Code	1
620-708	Fluid Power Systems	2
620-709	Servos and Drives	1
620-710	Power Transmission Systems	1
620-711	Machining Concept Mechatronics	2
620-712	Introduction to PLCs	2
620-714	HMI Technologies & PLC Apps	2
620-715	Intro to Robotic Systems	2
620-716	Intro to Robotic Integration	3

GENERAL STUDIES

804-504	Industrial Math I	1
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WAUKESHA
COUNTY TECHNICAL
COLLEGE

Hands-on
Higher Ed