Mechatronics

Mechatronics is an interdisciplinary field involving mechanical systems, instrumentation, electronics, robotics, automation, computers and control systems. Systems are networked together to meet the demands of highly automated manufacturing processes. Mechatronics technicians are trained to master the skills necessary to install, maintain and repair this sophisticated equipment. Our students learn troubleshooting skills and how to apply this knowledge to electromechanical systems.

Learn more about program requirements and related certificates. Scroll to the degree program and select "display programs."

PLUS

A career in Mechatronics means that you could be a part of creating an invention that improves the quality of life for the entire world. Opportunities are endless in critical industries like aviation, manufacturing, logistics and more.

Mechatronics specialists work with massive industrial robots, smaller robots in pick-and-place operations, control systems for bottling or packaging of food and drink products, drones, and so much more

Our faculty works closely with our advisory board in mechatronics to ensure our training stays well ahead of what our area industry needs. We have the equipment and experience to ensure our students are able to hit the ground running in the workforce.

tctc.edu/MECH

TCTC
Tri-County Technical College

Career Outlooks and Average Salaries

Job Title	What You Do	Salary			# Job Openings
		Entry	Median	Skilled	
Mechanical Engineers	Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of equipment such as centralized heat, gas, water, and steam systems.	$58,150	$87,114	$126,292	213
Mechatronics Engineers	Research, design, develop, or test automation, intelligent systems, smart devices, or industrial systems control.	$55,628	$98,939	$145,305	49
Robotics Engineers	Research, design, develop, or test robotic applications.	$55,628	$98,939	$145,305	49
Electro-Mechanical and Mechatronics Technologists and Technicians	Operate, test, maintain, or adjust unmanned, automated, servomechanical, or electromechanical equipment. May operate unmanned submarines, aircraft, or other equipment to observe or record visual information at sites such as oil rigs, crop fields, buildings, or for similar infrastructure, deep ocean exploration, or hazardous waste removal.	$30,745	$60,550	$81,884	7
Mechanical Engineering Technologists and Technicians	Apply theory and principles of mechanical engineering to modify, develop, test, or adjust machinery and equipment under direction of engineering staff or physical scientists.	$46,202	$61,217	$79,921	36

Tri-County Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate degrees. Tri-County Technical College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Tri-County Technical College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

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SC WINS Eligible

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EOE/AA