

DES MOINES AREA COMMUNITY COLLEGE

Robotics & Control Systems Engineering Technology

Program, Repair and Maintain Automated Systems

Careers at the Forefront of Modern American Manufacturing

Today's manufacturing operations—whether they produce cars or cosmetics—are clean, climate-controlled and full of automated systems.

DMACC's Robotics & Control Systems Engineering Technology helps you learn to design, program, repair and maintain the wide variety of automated systems that are increasingly common in every form of manufacturing. If you like turning wrenches and using high-tech tools to accomplish a wide variety of tasks, Robotics & Control Systems Engineering Technology is an ideal choice.

Robotics Graduates in High Demand

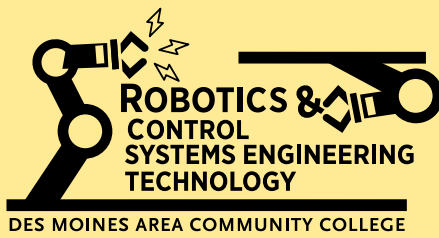
According to *U.S. News and World Report*, salary and advancement in engineering technology jobs depend more upon certifications and proficiency with technology than whether you have a two- or four-year degree. That makes DMACC, with its focus on hands-on learning of the latest technological tools, the ideal place to prepare for success in engineering technology.

In just two years you'll receive the knowledge and experience that can lead to a great-paying job in virtually any automated manufacturing setting in the country. DMACC graduates hold the following positions:

- ▶ Process Engineer
- ▶ Maintenance Technician
- ▶ Automation Technician
- ▶ Process Control Technician
- ▶ Automation Programmer
- ▶ Electrical & Electronics Engineering Technician

www.dmacc.edu
800-362 2127

DMACC
DES MOINES AREA
COMMUNITY COLLEGE
Life's Calling™



Learn from Experienced, Expert Faculty

DMACC faculty members have experience and connections in the field and a passion for helping students succeed. Rick Wagner, Chair of the Robotics & Control Systems Engineering Technology Department, has more than 20 years of experience and is certified as a robotics trainer by FANUC, the world leader in robotics.

The Cutting Edge of Automation: Robotics

In today's industry, robots often handle and transport materials, palletize, weld, paint and more. As technologies continue to advance, robotics is expected to become more and more common in all sorts of manufacturing. DMACC can provide the knowledge and experience needed to keep the robots working at full efficiency.

Robotics & Control Systems Engineering Technology Associate of Applied Science Degree

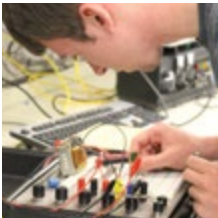
You'll learn to maintain and repair systems ranging from the basic motor control devices used in hard automation to the sophisticated industrial robots and computer-integrated manufacturing cells that use microprocessors for programming and servo control.

Some courses in the Associate of Applied Science degree include:

- Electronic circuit analysis
- Digital electronics
- Electronic design and fabrication techniques
- Motor controls and power electronics
- Networking technologies
- Programmable controllers
- Microcontrollers

Course requirements subject to change without notice.

For the current course list, visit www.dmacc.edu/cam.



Contact us for more information.

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