

Electromechanical Systems Technology

Electromechanical Systems Technology (EMST) is an Associate of Applied Science Degree (AAS) program that prepares you to service, install, and repair automated equipment used by manufacturers to produce at ever increasing speeds and complexity. For you, this growth means great jobs with excellent pay.



North Iowa Area Community College (NIACC) is a comprehensive public, two-year college offering college transfer, career and continuing education programs.
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North Iowa Area Community College
500 College Drive
Mason City, IA 50401

Murphy Manufacturing Technology Center



MURPHY MANUFACTURING
TECHNOLOGY CENTER

*Electromechanical
Systems
Technology*



**Associate of Applied
Science (AAS)
Degree Program**

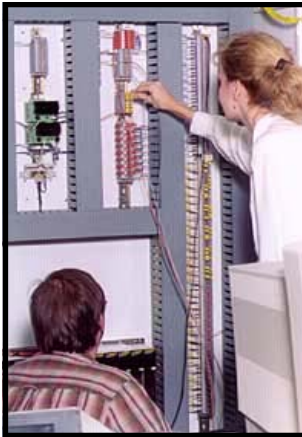


Tel: 1-888-GO NIACC ext 4283

Electromechanical Systems Technology

The EMST program (Electromechanical Systems Technology) gives you skills in:

- computers
- electronics
- fluid power
- electrical
- motors
- PLCs
- robotics
- and other automated equipment



Learn on actual industrial equipment

What does all that mean?

It means you'll learn on equipment actually used in the field to service, program, and operate the automation of our day. Gain skills today for tomorrow's industry.

Transfer Option:

Through an agreement with the **University of Northern Iowa**, graduates may transfer their credits from this program to earn a baccalaureate degree in Electrical and Information

Courses

In the Electromechanical Systems Technology program you'll take courses in:

- DC/AC Theory
- Electronic Devices
- Digital Electronics
- Motor Controls
- Hydraulics
- Pneumatics
- Instrumentation
- Programmable Logic Controllers
- And More



Electromechanical Systems Technology graduates are certified by the ETA.

Helpful Background

- Mechanical aptitude
- Use of logical problem-solving techniques
- Ability to work as a team member
- Good Math Skills
- Computer knowledge



Train on industry standard Allen-Bradley programmable logic controllers with PanelView and DeviceNet in the Electromechanical Systems Technology Computer Lab.

Flexible Course Scheduling

Many courses in the Electromechanical Systems Technology program are designed to offer the greatest flexibility as the student plans his or her course schedule. Some courses may actually be taken online, over the internet allowing the student to work at home any time of day or night.

The Electromechanical Systems Technology program allows students to work at their own pace and on their own schedules in many courses. That's the kind of flexibility that makes this program the right choice for you.

Program Admission Requirements

- NIACC Application
- High School Transcripts
- ACT or COMPASS assessment

For More Information

Admissions:

1-888-GO NIACC ext. 4245

Counseling:

1-888-GO NIACC ext. 4207

For Program Questions:

1-888-Go NIACC ext. 4283

Or email: salmocli@niacc.edu

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