

# Center of Excellence in Advanced Manufacturing

Clarinda, IA

# CEAM

Business & Community Education

## Program Overview

Industry partners and Iowa Western have established a demand-driven 2 year non-credit certificate program called the Center of Excellence for Advanced Manufacturing or CEAM. It is designed to meet and sustain the needs of current and emerging advanced manufacturing companies in southwest Iowa.

### DETAILS

The CEAM program in Clarinda is a non-credit certificate program currently focused on Electro-Mechanical training. Classroom and lab instruction are centered around learning theory then transition to practical application. Students can take the whole program or attend for a few courses! Student may earn college credit upon completion of the program.

### SCHEDULE

Tuesdays & Thursdays from 4 pm – 7 pm  
All classes are held at the Clarinda Center.  
923 E Washington St. in Clarinda, IA

Classes start in September, January and March.

### PROGRAM COST

\$5,280 for the 2-year program

\*Program costs total \$15,083. Costs have been underwritten by an IWCC consortium fund to offer it at a discount.

### TUITION ASSISTANCE IS AVAILABLE

Education 2 Employment provides FREE tuition assistance to residents of Iowa to grow their career skills and further their education.

Consider a career in the  
cutting edge advanced  
manufacturing field.

#### Contact Us

Phone: 712.542.5117

Email: [kmsmith@iwcc.edu](mailto:kmsmith@iwcc.edu)

Web: [iwcc.edu/ceam](http://iwcc.edu/ceam)



Jump start your career in advanced manufacturing with the CEAM program at Iowa Western.

# Courses

## YEAR 1

- » Electricity 1
- » Machine Process Theory & Application
- » Technical Mathematics
- » Welding
- » Mechanical Power Transmissions
- » Fluid Power Systems

## YEAR 2

- » Robotics
- » Electricity 2
- » PLC Basics
- » Motor Controls Basic
- » PLC Advanced
- » Motor Controls Advanced



## EDUCATION 2 EMPLOYMENT

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1

#### SEE IF YOU'RE ELIGIBLE.

Along with being 18 years of age or older, a resident of Iowa and having your high school diploma, your household income, household size and skill level will be assessed.

2

#### APPLY FOR THE PROGRAM.

We'll walk you through the application process.

3

#### COME IN WITH QUESTIONS AND LEAVE WITH A PLAN.

Your Pathway Navigator will be your one-on-one advisor to help you along the way and to ensure the program you choose is the best fit for you.

4

#### ENROLL IN YOUR CHOSEN PATH.

There are four career pathways to choose from (Health, Education, Manufacturing/Logistics, IT/Business). Upon completion, we'll help you find employment to utilize your new career skills.

Contact Amanda for information

Phone: 712.256.8800

Email: [aoloff@iwcc.edu](mailto:aoloff@iwcc.edu)