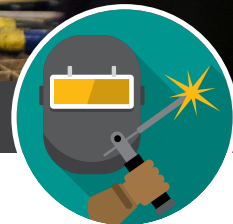




## GET HANDS-ON WITH A CAREER IN WELDING



Start your journey with Eastern Iowa Community Colleges'

# Welding Academy

### WELDING IS...

- ▶ Applied, detailed work
- ▶ Important for industry and construction
- ▶ In-demand and lucrative
- ▶ Enjoyable, life-long learning

### WELDING CAREERS PROVIDE...

- ▶ Competitive salaries
- ▶ Work in a variety of environments
- ▶ Job security
- ▶ A level of creativity

### CAREERS IN WELDING

#### Boilermakers

Involved in making boilers and large containers that are meant to house liquids and gases. Boilermakers assemble, install, and repair closed vats, boilers, and large vessels.

#### Pipefitters

Responsible for shaping metals into different dimensions and bending them to match the specifications needed for particular industrial use. Pipefitters are involved in the entire process, from planning to installation.

#### Structural Steel Welders

Involved in the fabrication and erection of the structural framework of small and large buildings.

#### Construction Welders

Work on technologically advanced buildings for commercial purposes where extensive plumbing designs, complex HVAC systems, and electrical conduits are required.

#### Manufacturing Welders

Responsible for welding metal components of different types and sizes to either fix an old product or create a new one. The most common manufacturing industries for welders include structural and agricultural metals manufacturing, mining, and motor vehicle manufacturing.

#### Industrial Maintenance Welders

Look after, and make immediate repairs as needed, to the machinery and equipment in various industries.

#### Rig Welders

Responsible for setting up the artificial steel island in an offshore rig and the construction of the entire on-land rig station. Rig welders are not only needed for the initial assembly of the rig, but also for its everyday repair and maintenance.

You deserve  
**MORE**

## Fundamentals of Welding Certificate

# Welding Academy

Clinton Community College

### DURING HIGH SCHOOL

*All courses taken at the college*

#### TERM 1: Fall, senior year of high school, 8 credits

- MFG:106 Workplace Safety with OSHA 10 General Industry Card, 3 credits
- WEL:361 VR Welding, 2 credits
- WEL:363 Welding Fundamentals, 3 credits

#### TERM 2: Spring, senior year of high school, 8 credits

- WEL:363 Welding Discontinuities and Defects, 1 credit
- WEL:365 Flux Core Arc Welding and Metal Cutting, 3 credits
- WEL:364 Gas Metal Arc Welding, 4 credits

### AWARD: FUNDAMENTALS OF WELDING CERTIFICATE (16 CREDITS)

### ONCE YOU COMPLETE YOUR CAREER ACADEMY, YOU CAN CONTINUE ON WITH EICC!

Once you complete your career academy, you can continue on with EICC! In addition to the certificate, students can go on to earn:

- ▶ Advanced Welding, Certificate
- ▶ Welder, Diploma
- ▶ Technical Studies, AAS



For details, scan here or visit  
[eicc.edu/weldacademy](http://eicc.edu/weldacademy)



**EASTERN IOWA**  
COMMUNITY COLLEGES  
CLINTON ♦ MUSCATINE ♦ SCOTT

**THE Community's College**

Updated 1/23  
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