



Welding

Diploma: NIACC

Industrial Division

Credit

38 semester hours

Contact:

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Program Description

Welding is a two-semester diploma program designed for individuals seeking skill development and certification in common welding procedures leading to employment in a variety of industries. The program is recognized as an Institutional Member of the American Welding Society and upon completion of all coursework, AWS Certification can be attained. The program's outlined competencies are achieved through a combination of classroom theory, welding demonstration, and practice. Primary emphasis is placed upon hands-on skill development in a state-of-the-art lab facility. Through completion of the program, students gain competency in arc, gas, and automated welding and cutting processes.

Curriculum

First Term (Fall Semester)

CON-107	Construction Safety
WEL-110	Welding Blueprint Reading
WEL-138	Oxy-acetylene Welding and Cutting
WEL-222	Arc Welding I
MAT-770	Applied Math I
MAT-771	Applied Math II

Second Term (Spring Semester)

BCA-119	Computer Orientation
ENG-701	Communications I
SDV-135	Job Seeking Skills
WEL-223	Arc Welding II
WEL-240	Welding Fabrication/Certification
WEL-250	Welding Automation

Admission Requirements

- NIACC Application for Admission
- High school transcript or GED scores
- ACT scores or COMPASS assessment
- Other college transcripts

Program Fees

Tuition & Fees	\$4,417.50
Books	\$235.00 (est.)
Other fees	\$ 18.00
Total	\$ 4,670.50 (est.)

Career Potential

Production Welder
 Maintenance Welder
 Robot Operator
 Fabricator
 Building/Structural Welder
 Ag/Construction Equipment Repair Technician

Industries that use welding:

Agriculture – Manufacturing – Automotive – Construction – Mining - Utilities