

NEW STUDENT ORIENTATION

**WELDING &
FABRICATION**

CAREER OBJECTIVES

- Complete a career goal card and essay **yearly**.
- Purpose is to be sure students are aware of careers available and the path needed to reach their career goals.
- Essay includes research on wages, benefits and job opportunities

PROGRAM HIGHLIGHTS

- Students have the opportunity to fabricate projects.
- Gain national and international welding certificates
- College credits
- High skills/high wage occupation

CURRICULUM & OCCUPATIONAL TITLES

- Arc Welding
 - SMAW
 - GTAW
 - GMAW
- Fabrication
 - All welding processes

GRADING

- Knowledge– all written work, class work, and homework 40%
- Work ethic – prepared for class, attitude 30%
- Skills – projects, tasks 30%

TOOLS AND EQUIPMENT REQUIREMENTS

- Welding hood
- Leather jacket
- Portfolio/competency pack

UNIFORM/CLOTHING REQUIREMENTS

- Fire/spark resistant pants and shirts with no holes or loose threads:
 - Pants (Dickies type, black color or jeans)
 - Two Work Shirts (cotton, button down, flame retardant, Dickies type)

PROGRAM FEES

- Activity fee (school-wide) \$20
- American Welding Society Student Membership fee \$15

PROGRAM RULES/REGULATIONS

- No contact lenses are to be worn.
- All safety rules must be followed all the time.

SAFETY REQUIREMENTS

- Safety glasses must be worn at all times in the lab.
- Leather steel-toe 8” minimum work boots, which must be tied at all times (can be slip-on type)
- No jewelry of any kind on any part of the body
- Must follow NMTCC Code of Conduct.

PORTFOLIO PRESENTATIONS

- Certificates
- Awards
- Pictures or projects

POST-SECONDARY OPTIONS

- Dual-enrollment with BCCC
- Articulation agreement with BCCC, MCCC, Penn College of Technology, Lincoln Technical Institute
(various number of credits available)

CAREER EMPLOYMENT OPPORTUNITIES

- Combination welder
- GTAW welder
- GMAW welder
- SMAW welder
- Iron worker
- Pipefitter

CERTIFICATIONS STUDENTS MAY EARN

- American Welding Society
- PA Skills Certification (NOCTI), administered to seniors

QUESTIONS?

