C⁴ Columbus Area Career Connection

Welding Technology Career Pathway

2014 average annual wage in Indiana: \$35,000 (Average based on Career Technical Education &/or Associate Degree)

Job Titles: Welder, Cutter, Solderer, Brazer, Industrial Technician, Mechanical Engineer

9th Grade

English 9

- Algebra
- Biology
- DE
- Preparing for College & Careers
- **Computers in Design and Production
- **Introduction to Manufacturing
- *World Language

10th Grade

- English 10
- Geometry
- Chemistry
- Geography or History of the World
- **Welding Technology II @ C4
- *World Language

11th Grade

- English 11
- Algebra 2
- 3rd CORE 40 Science
- US History
- **Welding Technology II @ C4
- *World Language

12th Grade

- English 12/COMM 101
- Math or Quantitative Reasoning
- Government/Econ
- **Welding Technology III@ C4

*Fine Arts

Dual Credits Apply To:

Ivy Tech Associate Degrees:
Industrial Technology

Purdue Polytechnic Institute:

Mechanical or Industrial Engineering Technology

IUPUC Bachelor Degree Mechanical Engineering

CORE 40 with Honors High School Graduation Plan

*Denotes AHD

**Denotes Directed Electives THD

Additional C⁴ classes that would enhance employment:

PLTW Introduction to Engineering Design

PLTW Principles of Engineering

PLTW Computer Integrated Manufacturing

COLUMBUS
AREA
CAREER
CONNECTION

High School Certifications Available: OSHA 10 General Industry; AWS SENSE Level 1
Dual Credit Available