Introduction to Industrial Technology or Introduction to Manufacturing

** 9th Grade  
**Introduction to Industrial Technology or  
**Introduction to Manufacturing  

** 10th Grade  
**Welding Technology I  

** 11th Grade  
**Welding Technology I or II  

** 12th Grade  
**Welding Technology II or III  

Counts as Directed Elective for ALL Diplomas  

Additional C4 classes that would enhance employment:  
- PLTW Introduction to Engineering Design  
- PLTW Principles of Engineering  
- PLTW Computer Integrated Manufacturing  

Potential careers for pathway:  
** Entry Level High School Graduate:  
- Production Welder  
- Fabrication and Repair Welder  
- Union Apprentice  
** Entry Level College Graduate:  
- Production Manager  
- Welding Engineer  
- High-Level Apprentice  
- Pipe Welder  
** Experienced:  
- Shift Supervisor  
- Weld Inspector  
- Journeyman  
- Educator  

Degree Options:  
- Ivy Tech Associate Degrees:  
  - Industrial Technology  
- Purdue Polytechnic Institute:  
  - Mechanical Engineering Technology  
- Hobart Institute:  
  - Structural and Pipe Welding  
- Vincennes University:  
  - Associate Degrees:  
    - Welding Technology  

High School Certifications Available: OSHA 10 General Industry; AWS SENSE Level 1  
Dual Credit Available – Ask about current options