**Introduction to Industrial Technology** or **Introduction to Manufacturing**

**Counts as Directed Electives for ALL diplomas**

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

**10th Grade**
- **Precision Machining I** or **Mechanical Drafting CAD/CAM**

**11th Grade**
- **Precision Machining I or II**

**12th Grade**
- **Precision Machining II or III**

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:**
  - CNC Operator
  - Machinists
  - Tool and Die Makers
- **Entry Level College Graduate:**
  - Mechanical Drafters
  - Mechanical Engineering Technicians
  - Mechanical or Materials Engineers
- **Experienced:**
  - Senior Mechanical or Materials Engineers
  - Operations Managers
  - Industrial Production Managers

**Degree Options:**
- **Ivy Tech Associate Degrees:**
  - Machine Tool Technology
- **Purdue Polytechnic Institute Bachelor Degree:**
  - Mechanical Engineering Technology
- **IUPUC Bachelor Degree:**
  - Mechanical Engineering

**C4 Columbus Area Career Connection**

Dual Credit Available – Ask about current options