C⁴ Columbus Area Career Connection

**Mechnical Drafting & Design Career Pathway**

- **9th Grade**: *PLTW Introduction to Engineering Design*
- **10th Grade**: **Mechanical Drafting & Design I**
- **11th Grade**: **Mechanical Drafting & Design II**
- **12th Grade**: **Mechanical Drafting & Design III**

**Dual Credits May Apply To:**
- **Ivy Tech Associate Degrees**: Design Technology
- **Purdue Polytechnic Institute**: Robotics Engineering Technology, Mechanical Engineering Technology, Engineering Technology
- **IUPUC Bachelor Degree**: Mechanical Engineering

**Potential careers for pathway:**
Entry Level College Graduate: Civil Engineering Technician, Mechanical Drafters, Commercial & Industrial Designers, Mechanical Engineering Technicians, Mechanical Engineer

**High School Certifications Available**: OSHA 10 General Industry

**Dual Credit Available**

**Counts as Directed Electives for ALL diplomas**

Additional C⁴ classes that would enhance employment
- PLTW Principles of Engineering
- PLTW Computer Integrated Manufacturing