C⁴ Columbus Area Career Connection

Architectural Drafting & Design Career Pathway

2014 average annual wage in Indiana: \$50,000 (Average based on Career Technical Education &/or Associate Degree)

Job Titles: Mechanical Drafters, Commercial & Industrial Designers, Mechanical Engineering Technicians, Mechanical Engineer

9th Grade 10th Grade 11th Grade

12th Grade Ivy Tech Associate Degrees:

Dual Credits Apply To:

Design Technology
Architecture

- English 9
- Algebra
- Biology
- PE
- Preparing for College & Careers
- *Civil Engineering & Architecture
- *World Language

- English 10
- Geometry
- Chemistry
- Geography or History of the World
- *Architectural Drafting and Design I @ C⁴
- *World Language

- English 11
- Algebra 2
- 3rd CORE 40 Science
- US History

*Architectural Drafting and Design II @ C⁴

*World Language

- English 12/ COMM 101
- Math or Quantitative Reasoning
- Biology
- Government/ Econ
- *Construction Trades I @ C⁴

*Fine Arts

Purdue Polytechnic Institute:

Mechanical 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 Principles of Engineering PLTW Computer Integrated Manufacturing

Dual Credit Available

