C⁴ Columbus Area Career Connection

Automation & Robotics Career Pathway

2014 average annual wage in Indiana: \$60,000 (Average based on Career Technical Education &/or Associate Degree)

Job Titles: Industrial Machinery Mechanic, Industrial Electrician, Industrial Maintenance, Mechanical/Electrical Engineer

9th Grade 10th Grade 11th Grade

12th Grade **Dual Credits Apply To:**

Ivy Tech Associate Degrees:
Automation & Robotics

English 9

- Algebra
- Biology
- PE
- Preparing for College & Careers

*Introduction to Engineering Design

*World Language

- English 10
- Geometry
- Chemistry
- Geography or History of the World

*Industrial Automation & Robotics I @ C⁴

*World Language

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

*Industrial Automation & Robotics III @ C⁴

*World Language

- English 12/ COMM 101
- Math or Quantitative Reasoning
- Biology
- Government/ Econ

*Industrial Automation & Robotics III @ C⁴

*Fine Arts

Purdue Polytechnic Institute: Industrial Technology

> IUPUC Bachelor Degree Mechanical Engineering

CORE 40 with Honors High School Graduation Plan *Denotes AHD

**Denotes Directed Electives THD

High School Certifications Available: OSHA General Industry Dual Credit Available

Additional C⁴ classes that would enhance employment Precision Machining Welding

