

ENGINEERING TECHNOLOGIES



Study at: **PONITZ**

**Entry-level
pay in Ohio
\$26-29
per hour**

Career Pathways

*Additional education may be required

- Engineer- Civil, Mechanical, Electrical
- Manufacturing Engineer
- Quality Engineer

Opportunities

Credentials

SolidWorks Associate
AutoDesk Inventor
OSHA 10-hour

Work-Based Learning

Job Placement
CTSO Competitions

College Credits

Earn up to 10 credits through
Sinclair Community College

Courses:



**Grade
10**

- Engineering Design



**Grade
11**

- Engineering Principles
- DC Circuits



**Grade
12**

- Computer Integrated Manufacturing
- Capstone

Essential Skills

- Written communication
- Oral communication
- Safety awareness
- Physical strength/mobility
- Finger/Hand dexterity
- Visual acuity
- Reasoning skills

Academic Skills

Applied Mathematics

- Use engineering type formulas
- Read/understand mathematical symbols
- Use algebraic formulas (Ohm's Law)



Workplace Documents

- Read/understand technical manuals
- Read/use engineering terminology
- Read/use blueprints and schematics