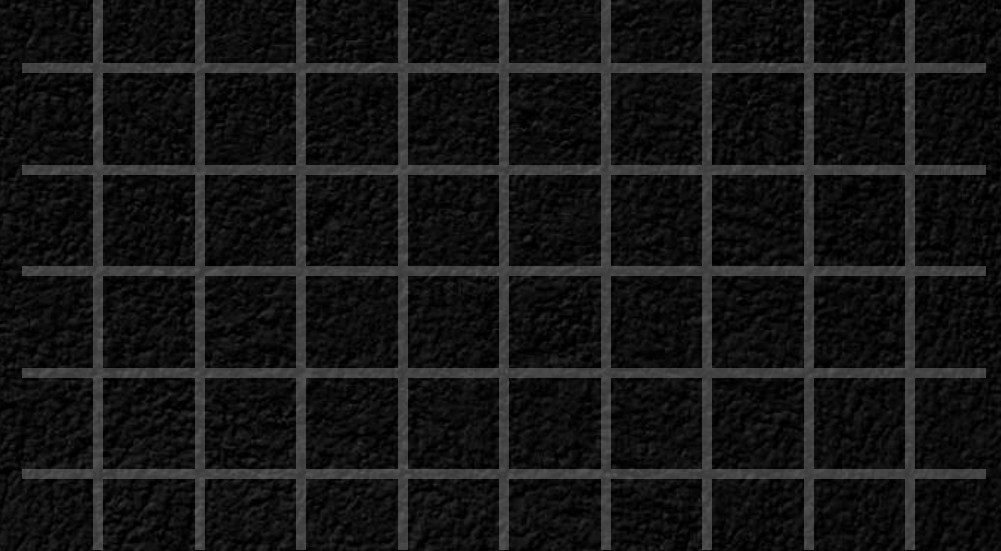
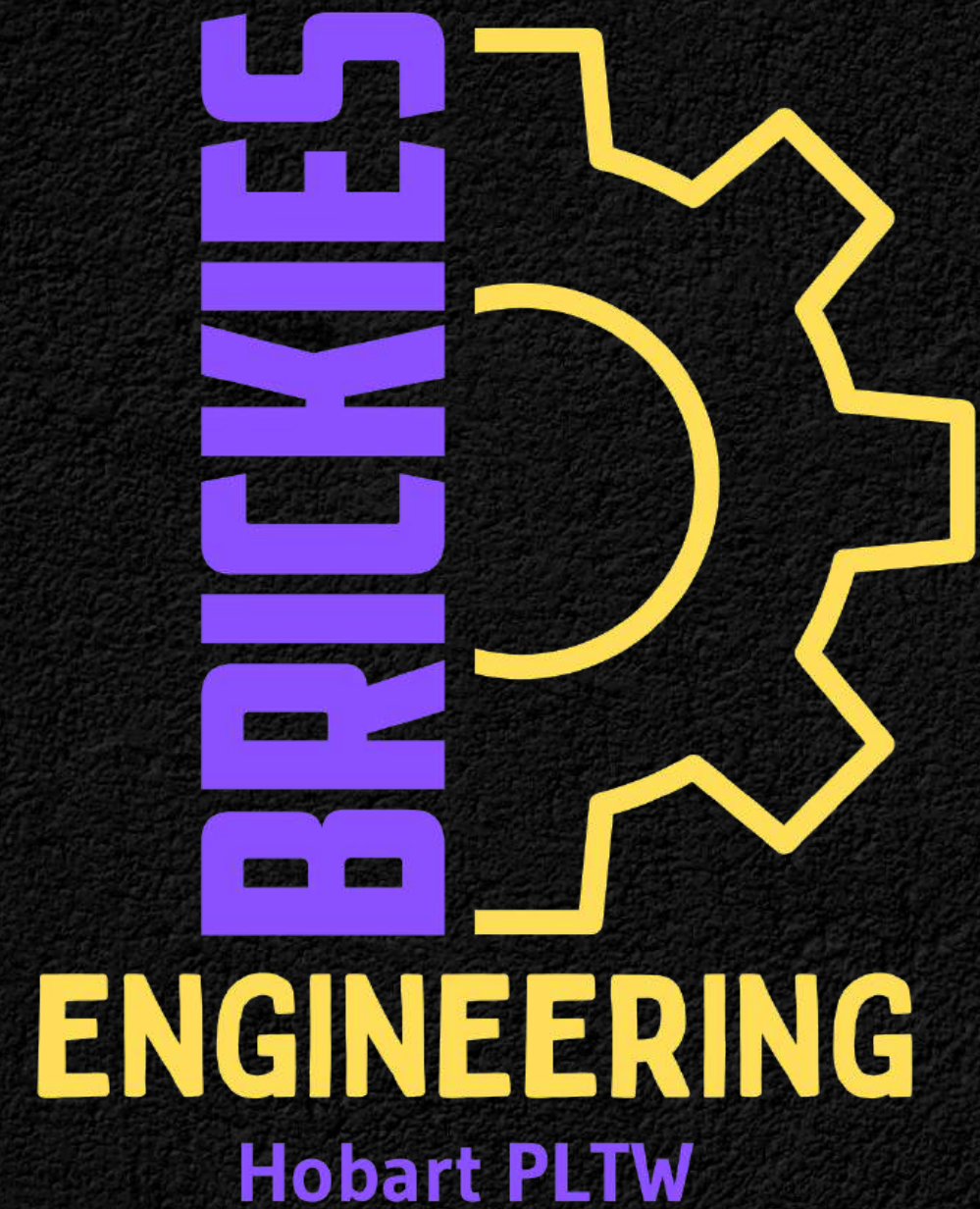
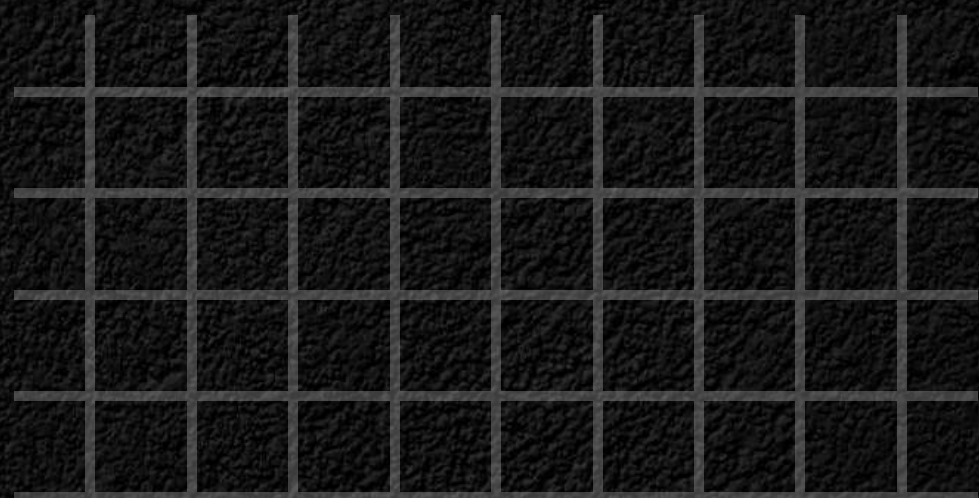




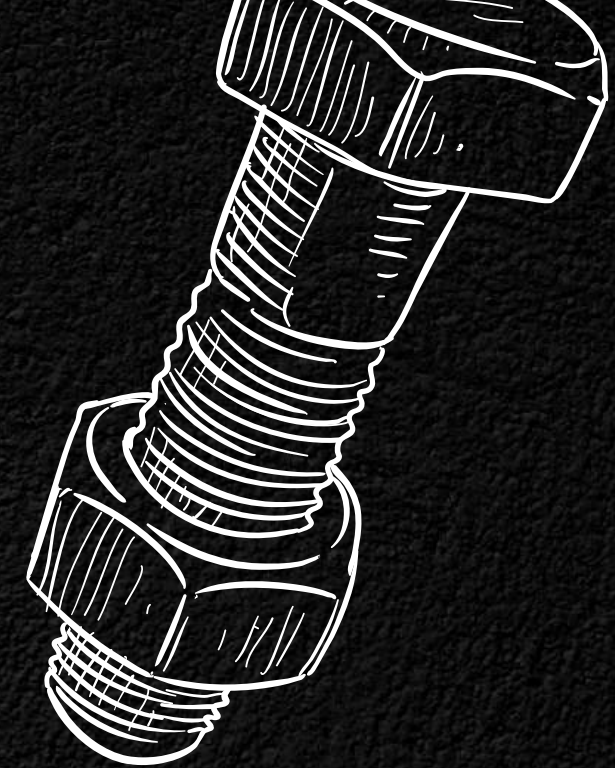
Engineering

A CTE Pathway at HHS/HU

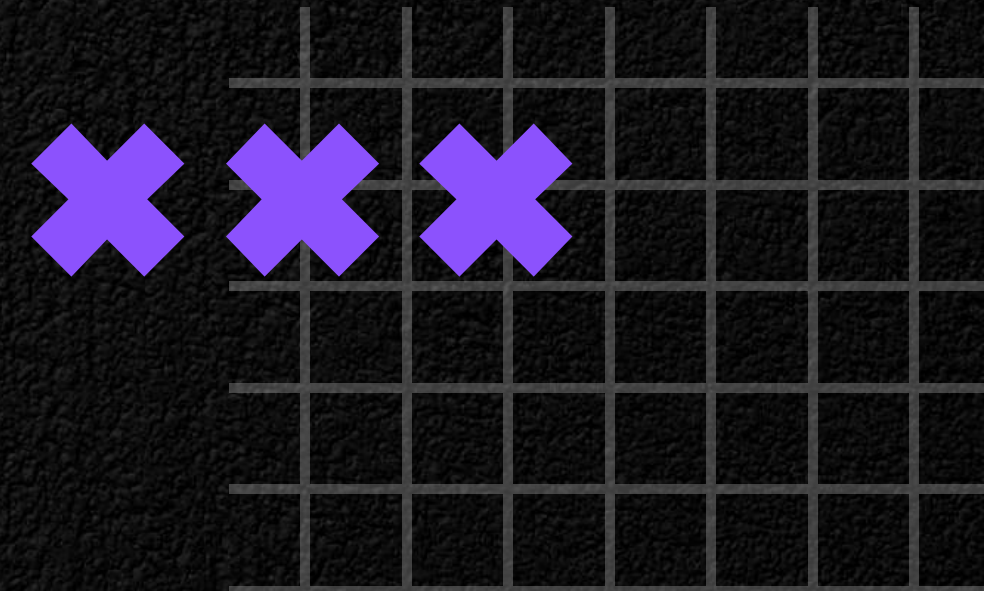
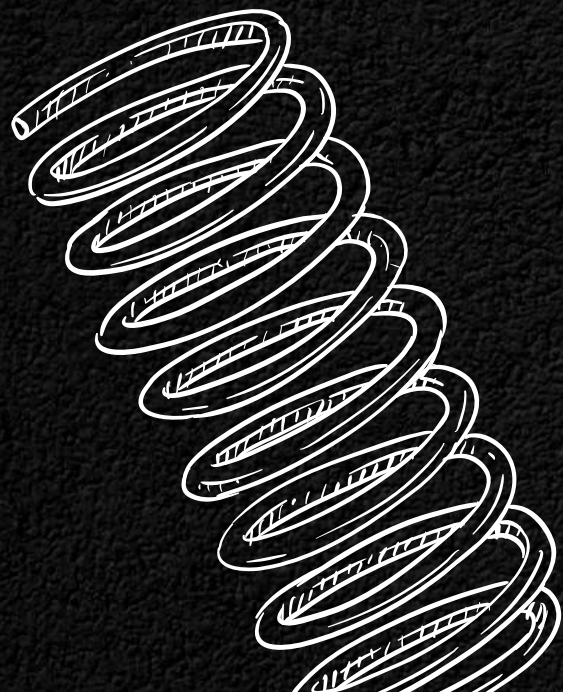
Mrs. Pratt



Engineering & Industrial Technology



The PLTW Engineering pathway allows students to explore the many aspects of engineering before entering college or a trade. Within the pathway, you will have opportunities to earn industry certifications.



**Next Level
Programs of
Study**



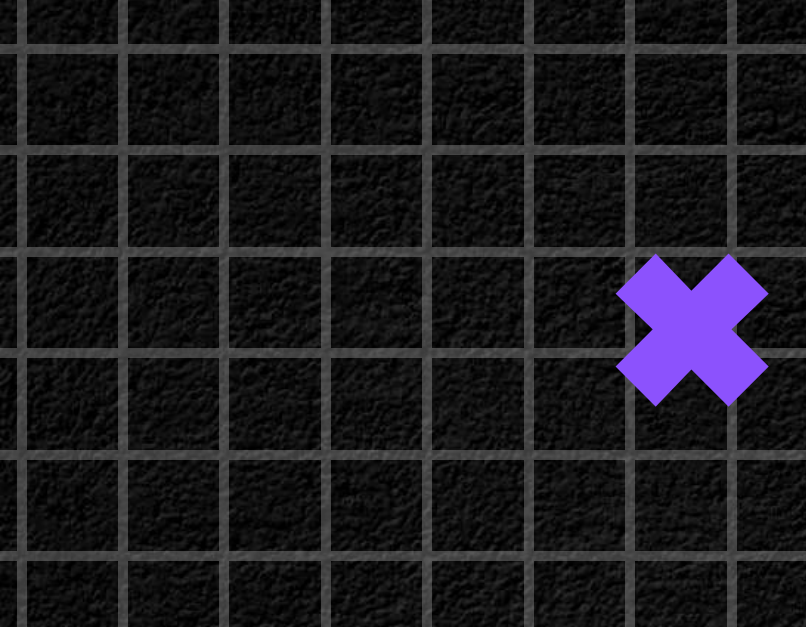
Engineering

Courses align with dual credit opportunities

Advanced Manufacturing

New for 2026-2027
School Year





Engineering Pathway



Introduction to Engineering Design

- Dual credit opportunity
- Industry certification opportunity



Principles of Engineering

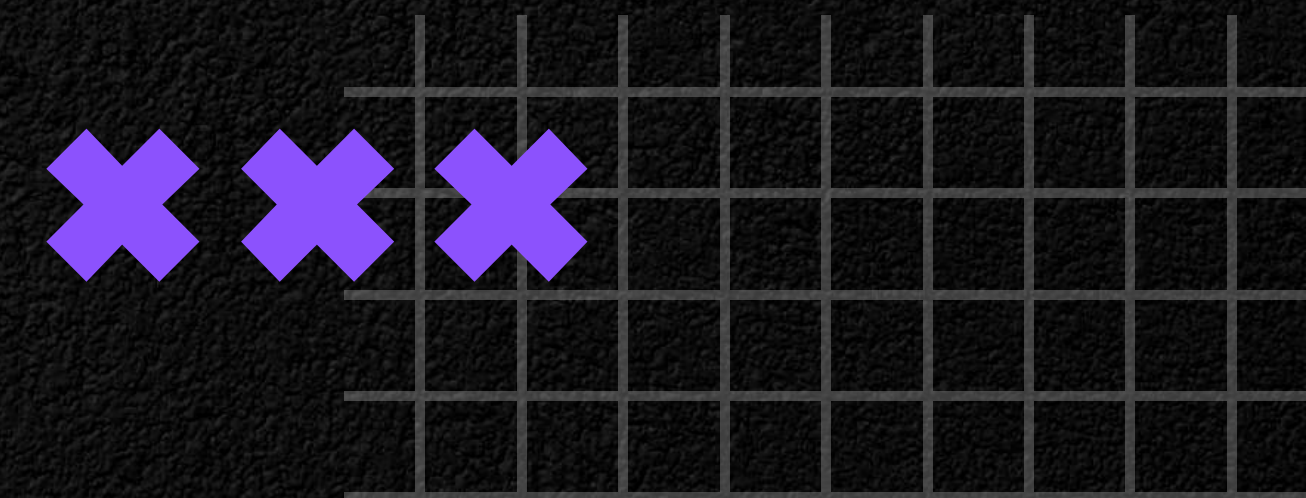
- Dual credit opportunity



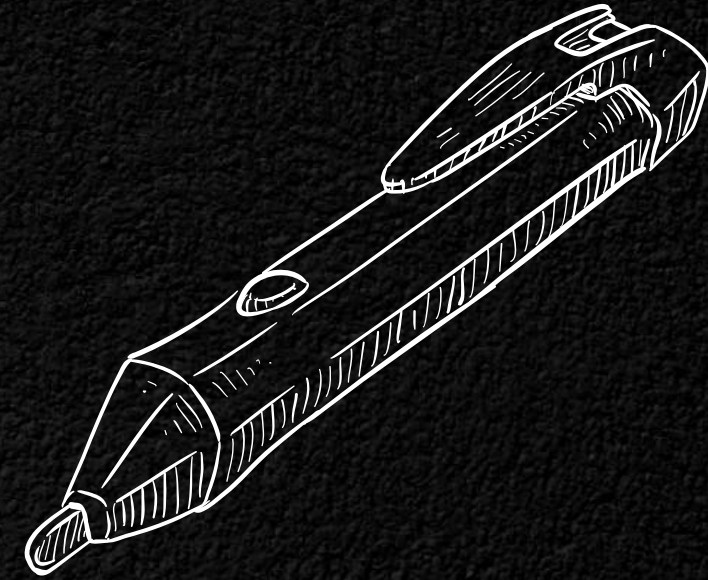
Civil Engineering & Architecture

- Dual credit opportunity
- Industry certification opportunity

Digital Electronics

- Dual credit opportunity
- 

Industry Certifications Lead to Jobs



The Engineering pathway prepares students for two different industry-standard certifications:

Autodesk Fusion CAD

Possible jobs out of high school:

- CAD Drafter
- Junior CAD Designer
- 3D Modeler
- CNC Operator

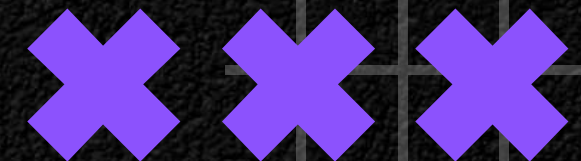
Autodesk Revit

Possible jobs out of high school:

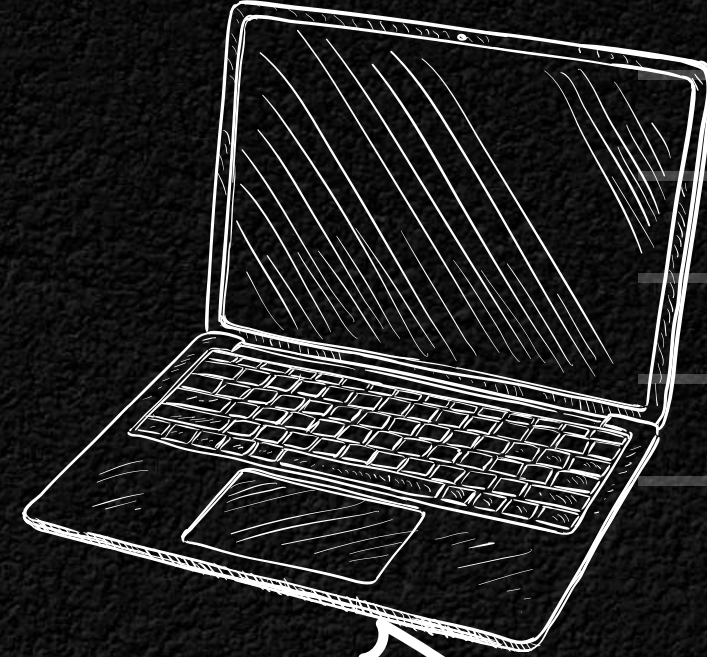
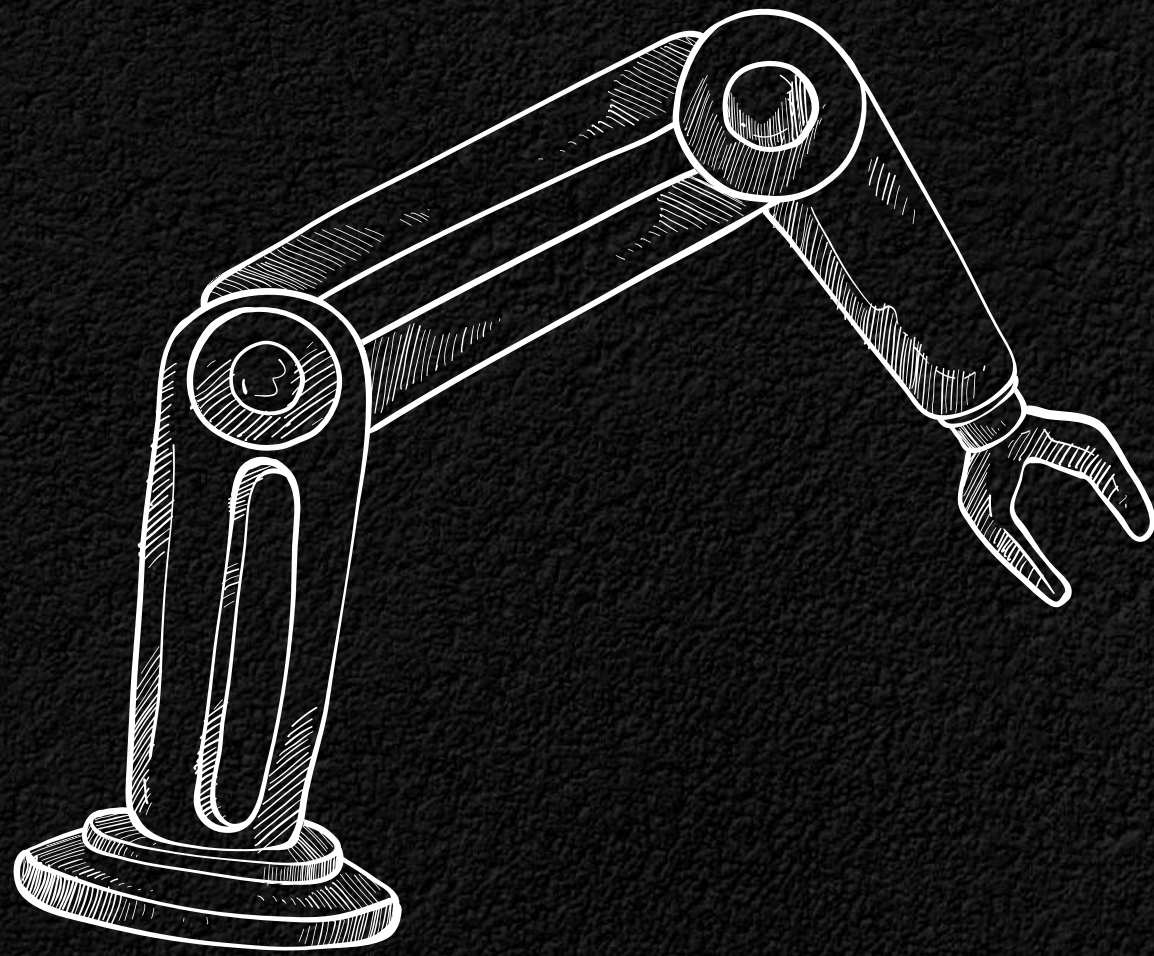
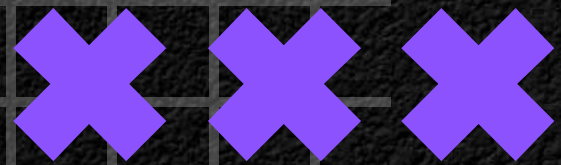
- BIM Technician
- Junior Architectural Drafter
- MEP Modeler



Scan the QR code to
learn more



Advanced Manufacturing



New for 2026-2027!

Explore the future of manufacturing through a dynamic blend of robotics, artificial intelligence, and smart technology to solve real-world challenges.

Enroll today to start your path to endless possibilities with this up and coming career field.



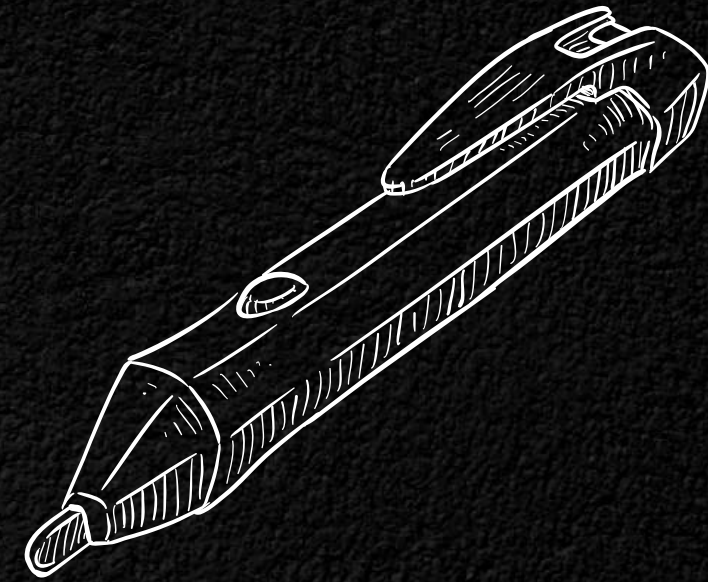
Industry Certifications Lead to Jobs



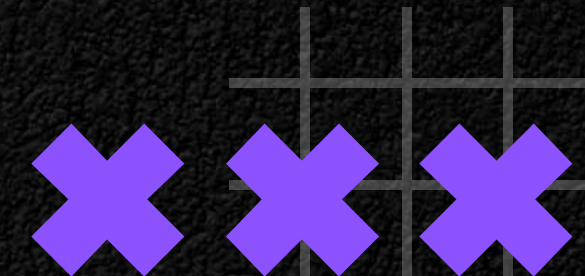
The Advanced Manufacturing pathway prepares students to receive this industry-standard certification:

Lean Six Sigma White Belt

A Lean Six Sigma White Belt is an introductory certification that teaches you the basic "language" of how businesses fix problems and reduce waste to run more efficiently. It's like getting a starter kit for understanding how to make any process—from a fast-food line to a factory floor—work faster and better.



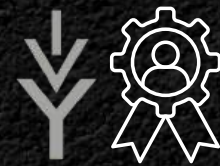
Scan the QR code to
learn more



Your Future in Engineering or Manufacturing Starts Here at HHS...

Engineering Pathway

Engineering Design, Structural, Electrical, Mechanical, Civil, & Architectural Engineering



Advanced Manufacturing

Advanced robotics, AI, smart technology, and automation in manufacturing.



CTE Courses @ PCCC

Although the engineering classes at HHS are not required to take engineering-related classes at PCCC, it is recommended.



and leads to:



Career



College



Skilled Trades