



PRE- APPRENTICESHIP PROGRAM

MANUFACTURE YOUR FUTURE

The pre-apprenticeship equips high school juniors and seniors with foundational manufacturing skills before graduation. Since 2006, the Association has helped train and develop young talent to fill a regional gap of over 3 million skilled manufacturing jobs nationwide. It's employer-designed, easy to enroll in, and it offers credits towards an apprenticeship. This initiative provides students with both the academic and peer-reviewed technical know-how to launch into a registered apprenticeship or enter the workforce with confidence and credentials.



Career Exploration

Explore manufacturing pathways before committing to a college major or full-time job



Workplace- Ready Habits

Training that builds hands-on skills that map directly to jobs manufacturers need right now



Earn Sooner

Can lead to a paid apprenticeship after high school, in return, earn a paycheck earlier than many traditional paths





COUNTIES COVERED

- Adams
- Cumberland
- Dauphin
- Franklin
- Lancaster
- Lebanon
- Perry
- York



CURRICULUM

- Kick off at a Manufacturer
- Precision Measurement & Formula Applications
- OSHA10 Safety Certification
- SolidWorks Design
- Blueprint Logic & Inspection
- Modern Manufacturing Technology
- 3 Shop-based practical application



KEY HIGHLIGHTS

- **Duration:** 9 days, typically in Fall or Spring, lasting a 2 to 3 month period. Depending on the group you are with, classes tend to take up one full day when you are scheduled to visit.
- **Format:** Combination of classroom instruction, online modules, and hands-on shop days.
- **Credits:** 67 hours are counted towards a PA Apprenticeship certification.
- **Events:** Opportunities to network with local manufacturers.

WHY IT'S A GREAT OPPORTUNITY

- **Launch Early:** Begin building career skills and earning credentials before high school graduation.
- **Hands-On Learning:** Get real-world experience with tools, 3D design, blueprints, and OSHA10 practices.
- **Career Clarity:** Explore multiple trades: machining, maintenance, tool & die, robotics, & electricity
- **Certifications:** Credits toward PA state apprenticeship program, as well as counts towards the Act 158 credit
- **Industry-Driven Curriculum:** Courses are designed by regional employers and taught by seasoned journeymen, ensuring relevance and quality.