

MANUFACTURING /STEM

In today's complex and highly competitive manufacturing environment, companies overwhelmingly need employees who can both service and maintain the increasingly sophisticated automated equipment that is driving domestic manufacturing.

Recent research identifies individuals with a broad-base of skills and knowledge to best meet the demands of this workplace. In addition to good communication and professional skills, companies need highly skilled technicians to operate and maintain systems and facilities.

Workers in manufacturing often begin in one area of the operation and migrate to other areas of interest. This opportunity for multiple career paths makes manufacturing an excellent path for career exploration.



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WEBSITE



SCAN ME

<https://mhs.maryville-schools.org/about-mhs/tvya>





WHY?

Apprenticeships are a win-win for workers and employers alike. Individuals get access to training in critical and relevant skills without the challenges of time and money that often accompany the pursuit of a degree – and employers benefit from higher productivity, increased retention rates, and a substantial return on investment. It's a "grow-your-own" strategy that better aligns the needs of employers with the interests of the workforce. Apprenticeships may have been around for centuries, but employers, training providers, and policymakers alike are rediscovering their value in advancing the future of work.

EXPECTED OUTCOMES

- Earn your high school diploma
- Earn professional certifications
- Earn nationally recognized credentials
- Earn up to two years employment experience, with scaled pay

HOW?

- Partnership
 - TVYA connects qualified students with participating employers
 - Employers interview and hire students
 - Students begin employment (with pay) while taking high school and college courses
- Application
 - See your guidance department
 - You must be a rising junior or senior
 - You must be at least 16 years old

MANUFACTURING PATHWAYS:

design; operations; maintenance; repair; quality; health & safety; environmental; continuous improvement; and more.

PROGRAM SPONSORS

- Alcoa City Schools
- Blount Co. Schools
- Maryville City Schools
- PSTCC
- TCAT - Knoxville

BUSINESS PARTNERS

DENSO
Crafting the Core