



YA – Engineering Drafting

BASIC DESCRIPTION:

Are you a high school student looking for hands-on experience in manufacturing? Miller Electric, an ITW company, is looking for a Youth Apprentice to join our Maintenance Department in Appleton, Wisconsin! This apprenticeship is a great opportunity to gain real-world experience while working alongside skilled testers and assemblers. As a Youth Apprentice, you'll assist with various support tasks while learning valuable skills in a team-oriented environment. We're looking for a motivated team player with a great attitude who's eager to learn and grow.

ESSENTIAL FUNCTIONS:

The Drafting/AutoCAD Youth Apprentice supports the Maintenance engineering and design teams by creating, updating, and organizing technical drawings using current industry software. This structured Youth Apprenticeship provides hands-on experience in engineering drafting, blueprint interpretation, and CAD applications. Apprentices gain exposure to real-world engineering practices, building materials, and mathematical applications while adhering to safety and security standards.

MINIMUM QUALIFICATIONS:

- Currently a junior or senior in high school.
- Interest in engineering, architecture, design, or drafting.
- Attention to detail and accuracy in technical work.
- Basic math and measurement skills.
- Willingness to learn CAD software and engineering terminology.
- Ability to communicate professionally and work collaboratively.
- Good communications skills.
- Willingness to learn and grow.
- Ability to follow safety guidelines and work in a team environment.
- Good attendance and reliability.



- Basic computer skills are required.

Company Description

Comprised of a market-leading portfolio of best-in-class brands, the businesses of ITW Welding work together to provide premium performance delivered through a breadth of solutions encompassing welding, cutting, consumables, and accessories. ITW Welding North America represents Miller Electric Welding Equipment, Safety & Accessories, Hobart Filler Metals, and Bernard / Tregaskiss MIG Guns.

Miller Electric Mfg. LLC, is headquartered in Appleton, Wisconsin, and wholly owned by [Illinois Tool Works](#) (NYSE: ITW). The company maintains its industry leadership by setting the standard for reliability, quality and responsiveness. Our tagline, “The Power of Blue®,” is inspired by the blue color of Miller equipment.

The company began with an innovation that responded to customer needs, growing from a one-man operation in 1929, to the world’s largest manufacturer of arc welding products. Miller keeps the tradition alive by focusing on its top priority: people.

Additional Information

ITW Welding is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected Veteran status, age, or any other characteristic protected by law.

At ITW Welding, we’re not just a place to work – we’re a community that empowers you to grow and make a real impact. Join us and build a career that makes a difference!”