Finding workers with the skills required to meet today’s advanced manufacturing requirements has become an increasingly complex and difficult challenge. The answer to meeting an ever widening skills gap is to develop talent internally, a cost effective and efficient alternative to the revolving door of under-skilled employees and turnover.

From classes introducing under-skilled workers to fundamental topics, to the most advanced technical training available, Penn College offers a complete range of industrial training to meet the needs of manufacturers. Our Mechatronics Program bundles the essential skills required for advanced technicians into an industry recognized set of certificates.

Any of our industrial courses can be combined, scaled, or customized to fit your company’s needs. Call us today at 570-327-4775 to learn more.
MECHATRONICS
Penn College offers a comprehensive Mechatronics Training Program for maintenance technicians working in advanced manufacturing environments. Our program is aligned with industry recognized certifications. Training in any mechatronics topic can be customized, combined, or scaled to meet company needs.

Programmable Logic Control (PLC) LogicTREK Series
I – Introduction to PLC’s
II – Timers, Counters and Program Controls
III – Introduction to Process Controls
IV – Advanced PLC Concepts

Industrial Electrical Series
- Fundamentals of Industrial Electricity
- Techniques for Electrical Troubleshooting
- Industrial Arc Flash Safety

Machine Shop
Manual or Computerized Numerical Control (CNC)
- Essentials Levels I & II
- Vertical Mill Operations
- Machining Application

Other Industrial Topics
- Building Essential Welding Skills
- AWS & API Welding Certifications
- Blueprint Reading
- Variable Frequency Drive
- Geometric Dimensioning and Tolerancing
- Robotics
- Statistical Process Control (SPC)
- Autodesk Training and Certification
- OSHA and HAZWOPER
- Forklift – Industrial and Rough Operator
- Vision Systems
- Residential Electrical and Drywall