



Career and Corporate Training
Pierpont Community & Technical College
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Fairmont, WV 26554

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Industrial Manufacturing Technician

Effective July 2025

Description

The Industrial Manufacturing Technician (IMT) program provides comprehensive training to prepare students for entry level careers in modern manufacturing environments. This hands-on course covers essential topics such as mechanical systems, electrical components, programmable logic controllers (PLCs), hand tool identification and safety, precision measurement instruments, hydraulics and pneumatics, and mechatronics.

In addition to technical skills, students will earn certification in CPR, AED, and first aid to ensure workplace safety and emergency readiness. The program combines practical instruction with real-world applications to equip graduates with the knowledge and skills sought by employers in the manufacturing sector.

Location and Schedule

Pierpont's Advanced Technology Center (500 Galliher Dr. Fairmont, WV 26554)

Education that Works!

Pierpont Community & Technical College is an Equal Opportunity, Affirmative Action Institution

This 9-week training program begins with a 4 day, in-person bootcamp (Monday–Thursday, 8:30 AM–4:30 PM) focused on hand tool identification and safety, precision measurement, and CPR/First Aid/AED certification.

The remaining 8 weeks follow a blended format. Students meet in person as a cohort once weekly from 8:30 AM to 4:30PM for instructor-led sessions and will complete assigned readings and online lectures at their own pace. In addition to the weekly in person meeting, students must schedule and complete in-person lab modules on campus. Labs cover mechanical systems, PLCs, fluid power, electricity, and mechatronics. All weekly assignments must be completed before the corresponding lab.

Students will earn industry-recognized credentials from organizations like Festo and Snap-On. Passing all certification exams is required to advance to the full-day, in-person capstone simulation, where students demonstrate hands-on skills in a simulated manufacturing facility.

Students should expect to spend approximately 32 hours per week on training, including approximately 16 hours on campus weekly after they have completed the 4 day “bootcamp.”

Training cost:

\$2,000.00.

Financial aid and payment plans are available.

Course Materials & Supplies

All materials and supplies are included in the cost of training.

Certification

Students will complete certification testing as an integral part of the training, earning credentials through NC3 and industry leaders such as Festo and Snap-On. The costs of certification are covered by tuition.

Accommodations Statement:

If you have or had an IEP or 504 Plan in high school or if you think you have a disability that might interfere with your completion of this class, contact Pierpont’s Support Services for information about possible accommodations at access@pierpont.edu or 304-534-7878.