



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 one-week, in-person “bootcamp” held Monday through Thursday from 8:30 AM to 4:30 PM. The “bootcamp” focuses on job readiness and foundational skills, including program orientation, hand tool identification and safety, precision measurement, and CPR/First Aid/AED certification.

The following 8 weeks use a blended learning format. Each week includes assigned readings and online lectures that students complete at their own pace. However, all weekly assignments for a given discipline must be completed prior to attending the corresponding in-person lab. Lab modules cover mechanical systems, PLCs, fluid power, basic electricity, and mechatronics. Throughout the course, students will test for industry-recognized credentials from companies such as Festo and Snap-On to validate their skills and knowledge.

Passing all certification exams is required to advance to the mandatory, full-day, in-person capstone simulation held on campus. During this final simulation, students will operate, troubleshoot, and repair a simulated manufacturing facility while instructors assess hands-on competency and job readiness.

Students should expect to spend approximately 32 hours per week engaged in training—roughly half of that time (16 hours) will be on campus for scheduled lab work once lab rotations begin.

Training cost:

\$2,000.00.

Financial aid and payment plans will be available for this program.

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.