

MANUFACTURING PRODUCTION TECHNICIAN - (QUICKSKILLS) CERTIFICATE - MFG8

This certificate will offer training and preparation for career opportunities in entry-level positions in today's advanced manufacturing facilities.

These skills will align with the core needs of today's manufacturing operations. The curriculum includes mathematical and statistical techniques and applications, industrial safety and operational principles, production process cycle including resource availability, product specifications and state-of-the-art manufacturing practices, including Lean Manufacturing tools and techniques.

Requirements

| Courses | Course Title | Credit Hours |
|------------------------------------|--|--------------|
| Required Course Information | | |
| IMT 101 | Introduction to Industrial Maintenance | 2 |
| IMT 170 | Statistical Process Control | 3 |
| IMT 210 | Basic Industrial Skills I | 3 |
| MET 235 | Manufacturing Engineering Principles | 2 |
| Total Hours | | 10 |

Application and Advising

If you are ready to start your education, there are a few simple steps involved in enrolling at Piedmont Technical College.

Get Started Today (<https://www.ptc.edu/admissions/new-students/>)

Advising Information

The following information provides a guide for advisors who are helping students enroll in this program.

Program Notes

Students should contact Trish Buis during the enrollment process.

Program Student Learning Outcomes

Purpose Statement

The purpose of the Manufacturing Production Technician Certificate is to provide training and preparation for career opportunities in entry-level positions in today's advanced manufacturing facilities.

Program Student Learning Outcomes

1. Identify and demonstrate safety principles as they apply to manufacturing environments
2. Apply Lean principles in a manufacturing environment.
3. Discuss and apply basic manufacturing engineering principles

4. Apply manufacturing principles using classroom and real world applications
5. Recognize basic maintenance issues with manufacturing production systems.