Contact Us:
Mike Reid, Dean, Operations and Services,
Continuing Education & Economic Development
Phone: (864) 941-8481 | E-mail: reid.m@ptc.edu

Program Overview
Piedmont Technical College has worked with employers throughout the region to design three programs that will prepare you directly for entry level employment in advanced manufacturing.

Each of these programs will take about six weeks to complete and will guarantee you an interview after completion if you have met minimum requirements for consideration.

PROGRAM REQUIREMENTS

Manufacturing Production Technician
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.

Day Program

FIRST SEMESTER CREDIT HOURS
IMT 102 Industrial Safety.........................2.0
IMT 170 Statistical Process Control.............3.0
IMT 101 Introduction to Industrial Maintenance...2.0
MET 235 Manufacturing Engineering Principles.....2.0

TOTAL CREDIT HOURS: 9.0

Machine Tool CNC Precision Operator-CNC6
The certificate teaches the core principles and practices for employment as an entry-level CNC operator.

Students in this program will be introduced to modern practices which include Precision Measurement techniques and the foundational principles of CNC Operations. Students will learn and perfect introductory skills in the programming and daily maintenance of CNC machines. Various types of automated equipment, such as Coordinate Measuring Machines are utilized so that students gain practical experience that will help them obtain gainful employment in industry.

Note: The CNC6 Certificate is primarily focused on providing training for the industrial and manufacturing sectors. Students are required to contact their primary advisor before enrolling into the CNC6 Certificate.

Day Program

FIRST SEMESTER CREDIT HOURS
MTT 105 Machine Tool Math Applications........3.0
MTT 120 Machine Tool Print Reading...............3.0
MTT 121 Machine Tool Theory I....................3.0
MTT 130 Fundamentals of Geometric Dimensions and Tolerancing...............................2.0
MTT 143 Precision Measurements/CMM............2.0
MTT 251 CNC Operations............................3.0
MTT 253 CNC Programming and Operation........3.0

TOTAL CREDIT HOURS: 19.0

>>> Visit www.ptc.edu/quick to learn more.