



Academic Map
Manufacturing Technology
Mechanical Technician – Level II Certificate
 (CIP 15.0805)

For timely completion of certificate requirements, students must follow the guidelines below. Contact the Program Director for the most up-to-date course schedules.

Students who plan to pursue this certificate path may not register for Academic or Technical Courses offered outside of stated certificate requirements.

Courses	
College Readiness Courses (if needed)	
Semester I	Hours
INMT 1305 Introduction to Industrial Maintenance	3
INMT 2303 Pumps, Compressors, and Mechanical Drives	3
WLDG 1428 Introduction to Shielded Metal Arc Welding (SMAW)	4
QCTC 1446 Testing and Inspection Systems	4
MATH 1314 College Algebra or MATH 2312 Pre-Calculus Math	3
Semester II	
HYDR 1450 Hydraulics, Fabrication and Repair	4
PTAC 1432 Process Instrumentation I	4
SPCH 1315 Public Speaking	3
MCHN 2403 Fundamentals of Computer Numerical Controlled (CNC) Machine Controls	4
INMT 1491 Special Topics in Manufacturing Technology/Technician (Capstone Course)	4
36 Semester Credit Hours	

Choose. Connect. Complete.