

# APPLIED INDUSTRIAL TECHNOLOGY (MANUFACTURING TECHNOLOGY), APPRENTICESHIP PROGRAM

Certificate(s) may have additional courses that do not overlap with the degree. Please see Certificate program page for complete listing of required courses.

Code	Title	Credit Hours
ATMT-1100	Manufacturing Skills I	3
ATMT-1110	Manufacturing Skills II	2
ATMT-1200	Machine Tool Theory	4
ISET-1310	Mechanical Power Transmission	2
Any Approved Ohio Transfer 36 Mathematics course <sup>1,2</sup>		3
Select one of the following:		3
ENG-1010	College Composition I <sup>1</sup>	
ENG-101H	Honors College Composition I	
ATMT-1300	Manufacturing Procedures	2
ATMT-1500	Manufacturing Tech Skills I	4
ATMT-1600	Introduction to CAD	2
BADM-1020	Introduction to Business	3
Select one of the following:		3
IT-1090	Computer Applications	
IT-109H	Honors Computer Applications	
ATMT-2300	Advanced Manufacturing Procedures	2
ATMT-2500	Manufacturing Technology Skills II	4
ATMT-2600	CNC Programming/Operations	2
BADM-1122	Principles of Management and Organizational Behavior	3
Social and Behavioral Sciences/Natural and Physical Sciences requirement		3
ATMT-2620	CAM Principles	2
ATMT-2700	Manufacturing Technology Skills III	4
ATMT-2990	Manufacturing Operation Principles	3
COMM-1000	Fundamentals of Interpersonal Communication	3
Arts & Humanities requirement		3

<sup>1</sup> Online course offerings are available to meet these requirements.

<sup>2</sup> MATH-1100 Mathematical Explorations or MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet the mathematics requirement for this program.

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements,

which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.

## Related Degrees and Certificates

- CNC Machining and Composites Manufacturing, Short-Term Certificate (Pre-Apprenticeship)
- Applied Industrial Technology (Manufacturing Technology), Associate of Applied Science