

# APPLIED INDUSTRIAL TECHNOLOGY (PIPEFITTING), APPRENTICESHIP PROGRAM

Code	Title	Credit Hours
ATPF-1210	Rigging	2
ATPL-1000	Care and Use of Tools	2
ATCM-1341	OSHA Standards for Construction	2
Any Approved Ohio Transfer 36 Mathematics course <sup>1</sup>		3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
ATPF-1220	Basic Pipefitting Layout	1
ATPF-xxxx	Pipefitter Elective	2
ATPF-xxxx	Pipefitter Elective	2
Communication requirements		3
Select one of the following:		3
IT-1090	Computer Applications	
IT-109H	Honors Computer Applications	
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
FIN-1061	Personal Finance	
ATPF-1360	Hydronic Heating and Cooling	2
ATPF-xxxx	Elective	2
ATPL-2510	Pumps	2
Natural Science requirement		3
Arts and Humanities/Social and Behavioral Science requirement		3
Select one of the following:		2-3
BADM-xxxx	Business Elective	
CNST-1290	Construction Print Reading	
ATPF-2340	Steam Systems	2
ATPF-xxxx	Elective	1
ATPF-xxxx	Pipefitter Elective	2
Select one of the following:		3
BADM-2xxx	2000 level Business Elective	
CNST-2131	Construction Methods and Materials	
AIT-2990	Contracting in a Diverse World	3
ATPF-xxxx	Pipefitter Elective	2
ATPF-xxxx	Pipefitter Elective	2
ATPL-2560	Foreman Certification	2

<sup>1</sup> MATH-1100 Mathematical Explorations or MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet Mathematics requirement.

## Electives

Recommended courses to select from to fulfill elective requirements.

Code	Title	Credit Hours
BADM-1020	Introduction to Business	3
BADM-1210	Labor-Management Relations	3
BADM-1122	Principles of Management and Organizational Behavior	3
BADM-1301	Small Business Management	3
BADM-2151	Business Law	3
BADM-2450	New Business Development	5
CNST-1281	Construction Engineering Orientation	3
CNST-1290	Construction Print Reading	2
CNST-1510	Green Building & Sustainability I	3
CNST-2131	Construction Methods and Materials	3
FIN-1061	Personal Finance	3

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

- Pipefitting, Certificate of Proficiency
- Applied Industrial Technology (Pipefitting), Associate of Applied Science