

APPLIED INDUSTRIAL TECHNOLOGY (PLUMBING), APPRENTICESHIP PROGRAM

Code	Title	Credit Hours
ATPL-1000	Care and Use of Tools	2
ATPL-1010	Soldering and Brazing	2
ATPL-xxxx	Plumbing elective	2
ATPL-1070	Pipe Fittings, Valves, and Supports	2
Any Approved Ohio Transfer 36 Mathematics course		3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
ATPL-xxxx	Plumbing Elective	2
ATPL-1030	State of Ohio Plumbing Code I	2
Select one of the following:		2-3
BADM-xxxx	Business Elective	
CNST-1290	Construction Print Reading	
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Select one of the following:		3
IT-1090	Computer Applications	
IT-109H	Honors Computer Applications	
ATPL-xxxx	Plumbing Elective	2
ATPL-1220	Gas Systems	2
ATPL-1230	Water Supply	2
ENG-2151	Technical Writing	3
Natural and Physical Sciences Requirement		3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
FIN-1061	Personal Finance	
AIT-2990	Contracting in a Diverse World	3
ATPL-2320	State of Ohio Plumbing Code III	2
ATPL-2350	Electricity for Plumbers	2
ATPL-xxxx	Plumbing Elective	2
Arts & Humanities/Social & Behavioral Science requirement		3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-2131	Construction Methods and Materials	
ATPL-xxxx	Plumbing Elective	2
ATPL-2410	City & State Backflow Cert	2
ATPL-xxxx	Plumbing elective	2

Electives

Business Electives

Select from the following courses to meet 12 credit elective requirements.

Code	Title	Credit Hours
BADM-1020	Introduction to Business	3
BADM-1122	Principles of Management and Organizational Behavior	3
BADM-1301	Small Business Management	3
BADM-2450	New Business Development	5
BADM-2151	Business Law	3

Construction Management Electives

Code	Title	Credit Hours
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

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

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

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