

APPLIED INDUSTRIAL TECHNOLOGY (CEMENT MASONRY), APPRENTICESHIP

Code	Title	Credit Hours
ATCM-1300	Fundamentals of Concrete Construction	2
ATCM-1321	Introduction to Plan Reading	1
ATCM-1341	OSHA Standards for Construction	2
ATCM-1401	Concrete Forming and Finishing Basic	2
Any Approved Ohio Transfer 36 Mathematics course ¹		3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Select one of the following:		3
CNST-xxxx	CNST Elective	
BADM-xxxx	Business Elective	
ATCM-1330	Concrete Construction Equipment	2
ATCM-1411	Commercial and Residential Form and Finish	2
ATCM-XXXX	Elective	2
ATCM-XXXX	Elective	2
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-1xxx	CNST Elective	
FIN-1061	Personal Finance	
Select one of the following:		3
IT-1090	Computer Applications	
IT-109H	Honors Computer Applications	
ATCM-2320	Blueprint Fundamentals - Construction	2
ATCM-2521	Basic Cement Patching	1
ATCM-2701	Advanced Concrete Finishing	2
ATCM-2710	Concrete Specialty Products	1
ATCM-XXXX	Elective	2
ATCM-XXXX	Elective	1
Arts & Humanities requirement		3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
ATCM-2500	Fundamentals of Concrete Curing	1
ATCM-2531	Concrete Restoration	1
ATCM-XXXX	Elective	2
AIT-2990	Contracting in a Diverse World	3
Communication requirement		3
Social & Behavioral Sciences/Natural and Physical Sciences requirement		3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	

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

Recommended Business Electives

Code	Title	Credit Hours
BADM-1020	Introduction to Business	3
BADM-1210	Labor-Management Relations	3
BADM-1301	Small Business Management	3
BADM-1122	Principles of Management and Organizational Behavior	3
BADM-2151	Business Law	3
BADM-2450	New Business Development	5

Recommended 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

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