

CONSTRUCTION ENGINEERING TECHNOLOGY

Code	Title	Credit Hours
CNST-1281	Construction Engineering Orientation	3
CNST-1731	Construction Print Reading	3
MATH-1530	College Algebra ¹	4
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 ²	
IT-109H	Honors Computer Applications	
CNST-1410	Architectural CAD I	3
CNST-1750	Construction Safety	3
CNST-2131	Construction Methods and Materials	3
MATH-1540	Trigonometry	3
PHYS-1210	College Physics I ³	4
CNST-2201	Introduction to Building Information Modeling	3
CNST-2210	Mechanical and Electrical Systems	3
CNST-2990	Construction Estimating & Cost Analysis	3
ENG-2151	Technical Writing	3
MET-1601	Technical Statics ⁴	3
CNST-2330	Construction Scheduling	3
CNST-xxxx	CNST Elective ⁵	3
MET-2200	Strength of Materials ⁶	3
Arts & Humanities/Social & Behavioral Sciences requirement		3
Select one of the following:		3-4
ACCT-1020	Applied Accounting	
ACCT-1311	Financial Accounting ⁷	

¹ MATH-1580 Precalculus or MATH-1610 Calculus I will be accepted in place of both MATH-1530 College Algebra and MATH-1540 Trigonometry but an additional 2 credit hours of general electives may be needed to meet degree requirements.

² MET-2550 Engineering Analysis Using MATLAB or IT-2670 C/C++ Programming Language will be accepted in place of IT-1090 Computer Applications to meet this requirement. Recommended for students planning on transferring for Civil/Construction Engineering.

³ PHYS-2310 General Physics I will be accepted in place of PHYS-1210 College Physics I. Recommended for students planning on transferring for Civil/Construction Engineering.

⁴ MET-2610 Statics will be accepted in place of MET-1601 Technical Statics to meet this requirement. Recommended for students planning on transferring for Civil/Construction Engineering.

⁵ CNST-1510 Green Building & Sustainability I recommended for those transferring for Construction Management. CNST-2110 Basic Survey Practices recommended for students planning on transferring for Civil/Construction Engineering

⁶ MET-2630 Engineering Strength of Materials will be accepted in place of MET-2200 Strength of Materials to meet this requirement. Recommended for students planning on transferring for Civil/Construction Engineering.

⁷ ACCT-1311 Financial Accounting recommended for university transfer in Construction Management. MET-2422 Fundamentals of Engineering Economics will be accepted in place of ACCT-1311 Financial Accounting to meet this requirement. Recommended for students planning on transferring for Civil/Construction Engineering.

Other Content

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

- Construction Materials Testing, Short-Term Certificate
- Construction Project Management, Certificate of Proficiency
- Construction Engineering Technology, Associate of Applied Science

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- Construction Materials Testing, Short-Term Certificate
- Construction Project Management, Certificate of Proficiency

Training and Credentials

- Certified Associate in Project Management