

CONSTRUCTION MANAGEMENT, ASSOCIATE OF APPLIED SCIENCE

Curriculum Code #6172

Effective August 2026

Division of Engineering, Business and Information Technologies (<http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/>)

The Construction Management Associate of Applied Science degree prepares students for entry-level roles in the planning, coordination, and supervision of construction projects. The program develops skills in construction documents, estimating, safety, and project management, along with effective communication and collaboration with project stakeholders. Graduates may pursue roles such as project estimators, assistant site supervisors, assistant construction managers, drafting technicians, or construction technicians with contractors, builders, and design firms. Transfer pathways are available through LCCC's University Partnership for students who wish to continue their education.

First Year

Fall Semester		Hours
CNST 121	CONSTRUCTION DOCUMENT READING	3
ENGL 161	COLLEGE COMPOSITION I	3
MTHM 155	TECHNICAL MATHEMATICS I ¹	4
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY ²	1
TECN 111	TECHNICAL PROBLEM SOLVING	3
Hours		14

Spring Semester		Hours
CADD 111	INTRODUCTION TO COMPUTER AIDED DRAFTING ³	2
CNST 202	CONSTRUCTION METHODS AND MATERIALS ⁴	3
EMCH 111	STATICS FOR TECHNOLOGY ⁴	3
ENGL 164	COLLEGE COMPOSITION II WITH TECHNICAL TOPICS ⁴	3
MTHM 156	TECHNICAL MATHEMATICS II ⁴	4
Hours		15

Summer Semester		Hours
CNST 201	SURVEYING ⁴	3
Hours		3

Second Year

Fall Semester		Hours
BADM 211	BUSINESS COMMUNICATIONS ⁴	3
CNST 205	CONSTRUCTION ESTIMATING ⁴	3
CNST 210	SAFETY IN CONSTRUCTION	2
EMCH 211	STRENGTH OF MATERIALS ⁴	4
Technical Elective ⁵		1-4
Hours		13-16

Spring Semester

ACTG 151	ACCOUNTING I - FINANCIAL	4
ARTS 254	HISTORY OF AMERICAN ARCHITECTURE ³	3
PHYC 150	GENERAL PHYSICS I ⁴	4
or PSSC 156 or PHYSICAL GEOLOGY		
Technical Elective ⁵		1-3
Select any OT 36 Social Science Elective ⁶		3
Hours		15-17
Total Hours		60-65

- ¹ Students are required to complete the MTHM 155 and MTHM 156 sequence. Alternatively, students may fulfill the mathematics requirement by completing the MTHM 171 and MTHM 174 sequence or MTHM 176 (or a higher-level mathematics course). Students should work closely with their academic advisors.
- ² A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 12 or more credit hours.
- ³ Indicates that this course has a prerequisite or may be taken concurrently.
- ⁴ Indicates that this course requires a prerequisite.
- ⁵ Select Technical Electives from the list below.
- ⁶ Select any Social Science Ohio Transfer 36 (<http://catalog.lorainccc.edu/academic-information/transfer-module-requirements/>) course.

Technical Electives

Code	Title	Hours
CADD 215	ARCHITECTURAL DRAFTING USING CAD ⁴	3
CNST 120	INTRODUCTION TO (HVAC) HEATING, VENTILATION AND AIR CONDITIONING	2
CNST 122	INTRODUCTION TO CARPENTRY	4
CNST 123	INTRODUCTION TO ELECTRICAL WIRING	2
CNST 124	INTRODUCTION TO PLUMBING	2
CNST 125	INTRODUCTION TO FINISH CARPENTRY	2
CNST 126	INTRODUCTION TO MASONRY	2
CNST 206	CONSTRUCTION ESTIMATING II ⁴	3
CNST 287	WORK-BASED LEARNING I - CNST	1-3
CNST 288	WORK-BASED LEARNING II - CNST	1-3
CNST 289	WORK-BASED LEARNING III - CNST	1-3

Program Contact(s):

Laura Cosgriff
440-366-7022
lcogriff@lorainccc.edu

For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/>).

**More program information can be found on our website.
(<https://www.lorainccc.edu/engineering/construction/>)**

Credit for Prior Learning (PLA) options may be available for your program.
For more information, please visit our website: www.lorainccc.edu/PLA
(<http://www.lorainccc.edu/PLA>)

Program Learning Outcomes

1. Interpret construction documents, specifications, and materials information to support project planning, estimating, and project execution.
2. Assist with construction project planning and coordination from pre-design through project completion.
3. Apply construction methods, codes, regulatory requirements, and safety standards to support project delivery and compliance.
4. Communicate effectively and collaborate with project stakeholders using professional written, verbal, and interpersonal skills.
5. Apply fundamental mathematics, mechanics, and digital tools to support construction project planning, estimating, regulatory compliance, and problem solving.