

CONSTRUCTION TECHNOLOGY - RESIDENTIAL BUILDING AND RENOVATION, ONE-YEAR GENERAL CERTIFICATE

Curriculum Code #6176

Effective May 2023

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

The residential building and renovation one-year general certificate is designed to provide students with the knowledge, cognitive skills and hands-on skills necessary to perform in an entry-level construction position. Employment opportunities exist in a variety of residential construction companies. Every course in the one-year technical certificate program can be applied to the two-year associate of applied science degree in construction technology. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

First Year

Fall Semester		Hours
CNST 121	CONSTRUCTION DOCUMENT READING	3
CNST 122	INTRODUCTION TO CARPENTRY	4
CNST 123	INTRODUCTION TO ELECTRICAL WIRING	2
ENGL 161	COLLEGE COMPOSITION I	3
TECN 111	TECHNICAL PROBLEM SOLVING	3
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY ¹	1
Hours		16

Spring Semester

ARTS 254	HISTORY OF AMERICAN ARCHITECTURE	3
CADD 111	INTRODUCTION TO COMPUTER AIDED DRAFTING ²	2
CNST 120	INTRODUCTION TO (HVAC) HEATING, VENTILATION AND AIR CONDITIONING	2
CNST 124	INTRODUCTION TO PLUMBING	2
MTHM 155	TECHNICAL MATHEMATICS I	4
Technical Elective		2-4
Hours		15-17
Total Hours		31-33

1

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 13 or more credit hours.

2

Indicates that this course requires a prerequisite or may be taken concurrently.

Technical Electives

Code	Title	Hours
CNST 125	INTRODUCTION TO FINISH CARPENTRY	2
CNST 126	INTRODUCTION TO MASONRY	2
CNST 206	CONSTRUCTION ESTIMATING II	3
CYBR 110	FUNDAMENTALS OF INTERNET OF THINGS (IOT)	4
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):

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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/residential-building-renovation-one-year-certificate/>)