

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

Curriculum Code #6176

Effective May 2018

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.

Course	Title	Hours
<b>Fall Semester</b>		
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	COLLEGE 101 <sup>1</sup>	1
Hours		16
<b>Spring Semester</b>		
ARTS 254	HISTORY OF AMERICAN ARCHITECTURE	3
CADD 111	INTRODUCTION TO COMPUTER AIDED DRAFTING <sup>2</sup>	2
CNST 120	INTRODUCTION TO (HVAC) HEATING, VENTILATION AND AIR CONDITIONING	2
CNST 124	INTRODUCTION TO PLUMBING	2
MTHM 121	TECHNICAL MATHEMATICS I	4
Construction Elective <sup>3</sup>		2
Hours		15
Total Hours		31

<sup>1</sup> 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.

<sup>2</sup> Indicates that this course requires a prerequisite or may be taken concurrently.

<sup>3</sup> Indicates that a student may substitute Work-Based Learning (CNST 287, CNST 288, and/or CNST 289) for one or more credit hours for this elective. Please make an appointment with your counselor for assistance.

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>). (<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>)