



Building Construction C.A.

Career Community: Building and Construction Trades

Curriculum Code: 0135

Effective: Fall 2023 – Summer 2028

Description

The Building Construction Certificate is designed to prepare students to work in entry-level positions (masons, concrete, and carpenters). This curriculum incorporates elements required for home construction, renovation work and small-scale commercial construction. The curriculum provides a broad foundation of technical skills related to concrete, framing, doors/windows/siding, roofing, interior installation/finishes.

Milestone

Completion of DCTM 200 with a 2.0 or higher is a key component for success in completing this program. Knowledge obtained in this course is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in the course.

Additional Information

If students have already completed ELTE 102, HVAC 102, METS 102, TECH 102, or WELD 102 with a grade of 2.0 or higher, that will satisfy the DCTM 102 requirement.

Contact Information

For further information, including career options, course substitutions and waivers, etc., contact the Building Construction Technologies Program in the West Campus Building, Room M103, telephone number 517-483-5338 or Student Services West Campus, West Campus Building, Room M106, telephone number 517-267-5452.

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
BLDT 120	Structural Framing	4 / 6
BLDT 130	Building Exterior Construction	4 / 6
BLDT 140	Building Interior Construction	4 / 6
BLDT 180	Builder Pre-Licensure Prep	4 / 4
DCTM 100	Intro to the Built Environment	3 / 4
DCTM 101	Drafting/Intro to CAD	3 / 4
DCTM 102	Construction Safety	2 / 3
DCTM 103	Codes and Specifications	3 / 3
DCTM 200	Construction Management I	4 / 6

Minimum Total Credit Hours

31 credits / 42 billing hours

Recommended Course Sequence

Semester I - Fall
BLDT 120
BLDT 140
DCTM 102
DCTM 103
DCTM 200 – Milestone course

Semester II - Spring
BLDT 130
BLDT 180
DCTM 100
DCTM 101

LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.