

Building Construction Technology

Certificate of Proficiency

Program **BLDG.CONSTR.CERT**
CIP 150101



The certificate program in Building Construction Technology is an opportunity for those working in the varied fields of construction, or construction documentation, to update their knowledge and skills in building construction operations, management, or construction office administration.

Students may study full-time or part-time. Admission to the program requires a high school diploma or its equivalent with one year of algebra.

PROGRAM OUTCOMES

- Understand drafting and design standards used in the building construction industry;
- Demonstrate knowledge of materials and methods of construction;
- Identify established surveying procedures to layout projects in accordance with construction document drawings and site information.

Certificate Curriculum

Code	Course (lecture/lab hours)	Credits
BCT 101	Construction Graphics (2/2)	3
BCT 110	Building Construction Materials and Methods I (3/0)	3
BCT 112	Building Construction Materials and Methods II (3/0)	3
CIV 101	Surveying I (2/3)	3
DRA 191	Intro to Building Information Modeling (1/2)	2
ENG 101	English Composition I (3/0)	3
MAT —	Mathematics elective ¹	3-4
— —	Technical electives ²	9-11
— —	Elective	3
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¹ Select in consultation with an academic advisor.

² In consultation with an academic advisor, select from BCT 104, 112, 232, 234, 236; CIV 102; DRA 190.