

Lake Superior College

Program Planner

Created on: 03/01/05

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Effective: *Fall 2011*

Qualified applicants should be aware that program class sizes are limited, which may delay acceptance into the program.

You may be required to complete additional (or less) coursework, dependent upon the results of your Computerized Placement Test (CPT) and/or previous coursework completed or certifications earned.

Program: **Building Construction Technology**

Degree Type: **Diploma**

Total Required Credits: **64**

Pre-program Requirements

Successful entry into this program requires a specific level of skill in the areas of English, mathematics, and reading. Program entry will depend, in part, on meeting the prerequisites listed below:

English:

- A score of 57 or higher on the Sentence Skills portion of the CPT, OR
- Completion of ENGL0450 or its equivalent transfer course or higher.
- If required, ENGL0450 may **not** be taken concurrently with Semester I coursework.

Mathematics:

- A score of 36 or higher on the Elementary Algebra Skills portion of the CPT, OR
- Completion of MATH0450 or its equivalent transfer course or higher.
- If required, MATH0450 may **not** be taken concurrently with Semester I coursework.

Reading:

- A score of 78 or higher on the Reading Comprehension portion of the CPT, OR
 - Completion of READ0465 or its equivalent transfer course or higher.
 - If required, READ0465 may be taken concurrently with Semester I coursework.
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NOTE: Building Construction Technology students in their first and second semester will be going to an off-campus site during some classes. You must supply your own transportation. Building Construction Technology students in their third and fourth semester will be taking program courses at an off-campus site.

Semester I

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
FYE1000	Intro to College (None)	F	1	
BLDG1400	Construction Safety (None)	F	4	
BLDG1407	Concrete Forming (BLDG1400 or concurrent enrollment)	F	3	
BLDG1412	Basic Framing I (BLDG1400, ENGL0450, MATH0450, and READ0465; or concurrent enrollment)	F	2	
BLDG1414	Basic Framing II (BLDG1412 or concurrent enrollment)	F	3	
BLDG1415	Cabinets and Laminate (BLDG1400 or concurrent enrollment)	F	2	
BLDG1430	Building Site Lay-Out (None)	F	1	
Total Credits for Term			16	

Semester II

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
BLDG1420	Leadership and Trade/Labor Relations (None)	S	2	
BLDG1425	Estimating For Building Construction (BLDG1435 or equivalent or concurrent enrollment and MATH1430 or equivalent)	S	1	
BLDG1435	Blueprint Reading (None)	S	3	
BLDG1440	Stair Design and Construction (BLDG1400 or concurrent enrollment)	S	3	
BLDG1450	Interior/Exterior Construction (BLDG1400, BLDG1412, or concurrent enrollment)	S	3	
BLDG1465	Framing with Metal (BLDG1400, BLDG1412, or concurrent enrollment)	S	2	
BLDG1525	Welding (None)	S	1	
ALTH1435	American Red Cross First Aid and Community CPR (None)	S	1	
	Technical Electives (Refer to Table 1)	S	2	
Total Credits for Term			18	

Semester III

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
BLDG2414	Site Preparation and Foundation (BLDG1407)	F	4	
BLDG2415	Floor and Wall Framing (BLDG1412)	F	3	
BLDG2416	Advanced Concrete Foundations (BLDG1407)	F	1	
BLDG2420	Roof Framing (BLDG1412)	F	3	
BLDG2425	Understanding Working Drawings (BLDG1435)	F	2	
BLDG2430	Sound and Energy Control (BLDG1450)	F	2	
Total Credits for Term			15	

Semester IV

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
BLDG2435	Exterior Finishing (BLDG1450)	S	4	
BLDG2440	Stair Construction (BLDG1440)	S	2	
BLDG2445	Introduction to Construction Management (None)	S	2	
BLDG2450	Interior Finishing/Casework (BLDG1450)	S	6	
COMM1601	Interviewing Procedure and Practice (None; computer skills necessary)	F/S	1	
Total Credits for Term			15	

Table 1: Technical Electives

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
BLDG1500	Residential Decks (BLDG1400, BLDG1412, or concurrent enrollment)	S	1	
BLDG1505	Computerized Estimating for Building Construction (BLDG1435 or equivalent and MATH1530)	S	1	
BLDG1510	Resource-Efficient Building (BLDG1400, BLDG1412, or concurrent enrollment)	ARR	1	

BLDG1515	Metal Work (BLDG1400, BLDG1412, or concurrent enrollment)	S	1	
BLDG1520	Drywall Finishing (BLDG1400, BLDG1412, or concurrent enrollment)	S	1	
BLDG2507	Building Construction Internship (Building construction student in good standing [3.0 GPA or greater] and instructor's consent)	ARR	1-4	

- *All courses in diploma and/or certificate programs are acceptable for credit toward Lake Superior College degree programs as indicated on individual program planners.*
- *This is not a contract; Lake Superior College reserves the right to change the planner as necessary.*
- *This document can be made available in alternative formats, such as large print, Braille, or audio tape, by calling 733-7650 or MRS/TTY 800-627-3529.*