

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: **Architectural Technology**

Degree Type: **Diploma**

Total Required Credits: **60**

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 86 or higher on the Sentence Skills portion of the CPT, OR
- Completion of ENGL0460 or its equivalent transfer course or higher.
- If required, ENGL0460 may 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 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.

Semester I

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
FYE1000	Intro to College (None)	F	1	
ARCH1400	Introduction to Architecture (None)	F	3	

ARCH1411	Materials and Methods I (None)	F	2	
ARCH1415	Project Lab I (None)	F	6	
ARCH1418	Principles of Building Performance (MATH0450 or concurrent enrollment, or assessment score placed at or above MATH0460)	F	2	
ARCH1425	Architectural CAD I (None)	F	3	
Total Credits for Term			17	

Semester II

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
ARCH1430	Architectural Design-Criteria/ Constraints (None)	S	3	
ARCH1441	Materials and Methods II (None)	S	3	
ARCH1445	Project Lab II (ARCH1415)	S	4	
ARCH1455	Architectural CAD II (ARCH1425 or CADE1407)	S	3	
ARCH1448	Principles of Structural Design (MATH0450, or assessment score placed at or above MATH0460)	S	3	
Total Credits for Term			16	

Semester III

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
ARCH2400	Mechanical and Electrical Systems (ARCH1445)	F	3	
ARCH2405	Architectural CAD III – Intro to BIM (ARCH1455)	F	2	
ARCH2435	Project Lab III (ARCH1441 and ARCH1445)	F	6	
ARCH2450	Specifications and Construction Administration (ARCH1441 or instructor's consent)	F	3	
Total Credits for Term			14	

Semester IV

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
ARCH1435	Site Design (None)	S	2	
ARCH2460	Commercial Project (ARCH2435)	S	6	
ARCH2465	Architectural CAD IV - BIM Intermediate (ARCH2405)	S	2	
	Technical Electives (See the Program Advisor for course options)	S	3	
Total Credits for Term			13	

- *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.*