

Lake Superior College

Program Planner

Created on: 03/01/05

Updated: 02/10/11

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.

General Education courses required by this program may be taken during any term, as long as the specific prerequisites for that course have been met. Please check with your advisor.

Program: **Business and Technology**

Degree Type: **Associate in Science**

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 71 or higher on the Elementary Algebra Skills portion of the CPT, OR
- Completion of MATH0460 or its equivalent transfer course or higher.
- If required, MATH0460 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.
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Business Core (15 Credits)

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
FYE1000	Intro to College (None)	F	1	
ACCT1400	Accounting Math (None)	F/S	2	
ACCT1410	Financial Accounting Principles I (ENGL0460, MATH0470, and READ0465)	F/S	3	
ADSC1420	Business Communications (Keyboarding/word processing ability or concurrent enrollment in a keyboarding course)	F/S	3	
LGST1420	Business Law – An Introduction (College-level reading and writing)	F	3	
	Technical Electives (Choose from any ACCT, ADSC, or SMGT course not already listed on this planner)	F/S	3	
Total Credits for Term			15	

Technology Core (15 Credits)

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
CIS1521	A+ Operating Systems Technologies (Concurrent enrollment in ENGL0460 and READ0465 or test out)	F	3	
CIS1522	A+ Core Hardware (Concurrent enrollment in ENGL0460 and READ0465 or test out)	F	3	
	CIS Technical Electives (Refer to Table 1)	F/S	9	
Total Credits for Term			15	

Table 1: CIS Technical Electives

(Includes completion of Computer Literacy, PC Technician-Certificate)

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
CIS1406	Web Programming I (None)	F	3	
CIS1410	Web Site Design (CIS1406)	S	3	

CIS1412	Web Graphics (CIS1406 or concurrent enrollment)	F	3	
CIS1414	Web Animation (CIS1406 and CIS1412)	S	4	
CIS1415	Introduction to Programming (MATH0450, Elementary Algebra CPT score above 35)	F	4	
CIS1510	Microcomputer Database (Concurrent enrollment in ENGL0460 and READ0460 or test out)	F	3	
CIS1745	Network Administration: UNIX (ENGL0460 and READ0465)	F	3	
CIS1946	CISCO Networking I (None)	F	4	
CIS1947	CISCO Networking II (CIS1946)	S	4	
CIS1950	Network Administration: Windows Client (CIS1401, CIS1521, or instructor's consent)	S	3	
CIS2845	Network Administration: UNIX Networking and Security (CIS1745)	S	3	
CIS2952	Network Administration: Windows Server (CIS1950 or instructor's consent)	F	4	

General Education Courses (30 Credits)

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
COMM1600	Organizational Communication (College-level reading and writing)	F/S	3	
ENGL1106	Composition I (College-level reading and writing)	F/S	3	
ENGL1109	College Composition II (ENGL1106 with a grade of "C" or better)	F/S	3	
MATH1100	College Algebra (MATH0470 or MATH0480 or appropriate placement test score)	F/S	4	
OR	OR			
MATH1115	Contemporary Discrete Mathematics (MATH0470 or equivalent)	F	(4)	
PSYC1120	General Psychology (College-level reading and writing)	F/S	3	
SOC1111	Introduction to Sociology (College-level reading and writing)	F/S	3	
	Natural Sciences Elective (Refer to Goal Area Three course)	F/S	3	

	options listed on AA planner)			
	History Elective (Refer to Goal Area Five course options listed on AA planner)	F/S	3	
	Humanities Elective (Refer to Goal Area Six course options listed on AA planner)	F/S	3	
	General Education Elective (Refer to Goal Areas Three, Five, or Six course options listed on AA planner)	F/S	2	

- *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.*