

# Lake Superior College

## Program Planner

Created on: 03/01/05

Updated: 02/09/11

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.*

**Program:** IT Specialist: Network Administration

**Degree Type:** Certificate

**Total Required Credits:** 29

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### 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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## Semester I

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
CIS1521	<b>A+ Operating Systems Technologies</b> (College-level reading, writing, and math or concurrent enrollment)	F/S	3	
CIS1522	<b>A+ Core Hardware</b> (College-level reading, writing, and math or concurrent enrollment)	F/S	3	
CIS1745	<b>Network Administration: UNIX</b> (College-level reading and writing or concurrent enrollment)	F	3	
CIS1946	<b>CISCO Networking I</b> (None)	F	4	
<b>Total Credits for Term</b>			<b>13</b>	

## Semester II

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
CIS1947	<b>CISCO Networking II</b> (CIS1946)	S	4	
CIS1950	<b>Network Administration: Windows Client</b> (CIS1401, CIS1521, or instructor's consent)	S	3	
	<b>Technical Electives</b> (Refer to Table 1)	S	3	
<b>Total Credits for Term</b>			<b>10</b>	

## Semester III

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
CIS2948	<b>CISCO Networking III</b> (CIS1947)	F	3	
CIS2949	<b>CISCO Networking IV</b> (CIS2948)	F	3	
<b>Total Credits for Term</b>			<b>6</b>	

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### Table 1: Technical Electives

(Choose three credits from the following:)

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
CIS1500	<b>Computer User Support</b> (Completion of Semester I of any CIS degree or diploma program)	S	3	
CIS2560	<b>Web Server Administration</b> (CIS1519 or CIS1521)	S	3	
CIS2845	<b>Network Administration: UNIX Networking and Security</b> (CIS1745)	S	3	

- *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.*