

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: **Electronic 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 MATH1500 or its equivalent transfer course or higher.
- If required, MATH1500 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
FYE1000	Intro to College (None)	F	1	
ELTN1402	Basic Electricity Theory (None)	F/S	8	
ELTN1412	Digital Electronics (None)	F/S	2	
ELTN1422	Media and Cabling (None)	F/S	3	
ELTN1500	Practical PC Maintenance (None)	F/S	2	
Total Credits for Term			16	

Semester II

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
ELTN1432	Solid-State Devices (ELTN1402)	F/S	5	
ELTN1452	Microcontrollers (ELTN1412)	S	6	
	Technical Electives (Refer to Table 1)	S	4	
Total Credits for Term			15	

Semester III

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
ELTN1470	Systematic Troubleshooting (ELTN1402)	F/S	1	
ELTN2442	Automation Controllers (ELTN1412)	F/S	3	
COMM1105	Interpersonal Communication (College-level reading and writing)	F/S	3	
	Technical Electives (Refer to Table 1)	F	8	
Total Credits for Term			15	

Semester IV

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
ELTN2400	CET Exam Preparation (ELTN1402, ELTN1412, and ELTN1432)	S	2	
	Technical Electives (Refer to Table 1)	S	12	
Total Credits for Term			14	

Table 1: Technical Electives

(NOTE: Any **ELTN** or **ELEC** courses not required on the planner may be taken as **technical** electives. Other courses may be allowed as electives with program advisor approval.)

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
COMM1601	Interviewing Procedure and Practice (None)	F/S	1	
MATH1500	Applied Algebra and Trigonometry (None)	F/S	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.