

# 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:** **Basic Electronics**

**Degree Type:** **Certificate**

**Total Required Credits:** **26**

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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 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
ELTN1402	<b>Basic Electricity Theory</b> (None)	F/S	8	
ELTN1412	<b>Digital Electronics</b> (None)	F/S	2	
ELTN1422	<b>Media and Cabling</b> (None)	F/S	3	
ELTN1500	<b>Practical PC Maintenance</b> (None)	F/S	2	
<b>Total Credits for Term</b>			<b>15</b>	

## Semester II

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
ELTN1432	<b>Solid-State Devices</b> (ELTN1402)	F/S	5	
ELTN1452	<b>Microcontrollers</b> (ELTN1412)	F/S	6	
<b>Total Credits for Term</b>			<b>11</b>	

- *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.*
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