

# Lake Superior College

## Program Planner

Created on: 02/08/10

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:** Sheet Metal Technology

**Degree Type:** Diploma

**Total Required Credits:** 46

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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 57 or higher on the Sentence Skills portion of the CPT, OR
- Completion of ENGL0450 or its equivalent transfer course or higher.
- If required, ENGL0450 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 READ0455 or its equivalent transfer course or higher.
  - If required, READ0455 may be taken concurrently with Semester I coursework.
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## 1<sup>st</sup> Year Courses

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
FYE1000	<b>Intro to College</b> (None)	F	1	
SMET1400	<b>Environmental Health and Safety</b> (None)	F	1	
SMET1410	<b>Sheet Metal Tools and Fabrication</b> (SMET1400 or concurrent enrollment; or instructor's consent)	F	3	
SMET1420	<b>Sheet Metal Drafting I</b> (SMET1410 or concurrent enrollment)	F	2	
SMET1430	<b>Sheet Metal Layout, Fabrication, and Installation I</b> (SMET1420 or concurrent enrollment)	F	2	
SMET1460	<b>OJT-Technical Concentration I</b> (Instructor's consent)	F	2	
<b>Total Credits for Term</b>			<b>11</b>	

## 2<sup>nd</sup> Year Courses

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
COMM1601	<b>Interviewing Procedure and Practice</b> (None; computer skills necessary)	S	1	
SMET1500	<b>Applied Sheet Metal Mathematics</b> (SMET1430 and SMET1460)	S	2	
SMET1510	<b>Sheet Metal Layout, Fabrication, and Installation II</b> (SMET1500 or concurrent enrollment; or instructor's consent)	S	3	
SMET1520	<b>Sheet Metal Drafting II</b> (SMET1510 or concurrent enrollment; or instructor's consent)	S	3	
SMET1530	<b>Sheet Metal Welding I</b> (SMET1520 or concurrent enrollment; or instructor's consent)	S	1	
SMET1560	<b>OJT-Technical Concentration II</b> (Instructor's consent)	S	2	
<b>Total Credits for Term</b>			<b>12</b>	

## 3<sup>rd</sup> Year Courses

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
SMET2400	<b>HVAC Fundamentals, Heat Loads, and Psychometrics</b> (SMET1530 and SMET1560; or instructor's consent)	F	2	

<b>SMET2410</b>	<b>Sheet Metal Drafting III</b> (SMET2400 or concurrent enrollment; or instructor's consent)	<b>F</b>	<b>3</b>	
<b>SMET2420</b>	<b>Sheet Metal Blueprint Reading I</b> (SMET2410 or concurrent enrollment; or instructor's consent)	<b>F</b>	<b>1</b>	
<b>SMET2430</b>	<b>Sheet Metal Welding II</b> (SMET2420 or concurrent enrollment; or instructor's consent)	<b>F</b>	<b>1</b>	
<b>SMET2440</b>	<b>Sheet Metal Layout, Fabrication, and Installation III</b> (SMET2420 or concurrent enrollment; or instructor's consent)	<b>F</b>	<b>3</b>	
<b>SMET2460</b>	<b>OJT-Technical Concentration III</b> (Instructor's consent)	<b>F</b>	<b>2</b>	
<b>Total Credits for Term</b>			<b>12</b>	

#### 4<sup>th</sup> Year Courses

<b>Course ID#</b>	<b>Course Title</b> (Pre-reqs)	<b>Term</b>	<b>Credits</b>	<b>Grade/ Term</b>
<b>SMET2500</b>	<b>Basic Electricity</b> (SMET2450 and SMET2460; or instructor's consent)	<b>S</b>	<b>1</b>	
<b>SMET2510</b>	<b>Sheet Metal Drafting IV</b> (SMET2500 or concurrent enrollment; or instructor's consent)	<b>S</b>	<b>2</b>	
<b>SMET2520</b>	<b>Sheet Metal Blueprint Reading II</b> (SMET2510 or concurrent enrollment; or instructor's consent)	<b>S</b>	<b>1</b>	
<b>SMET2530</b>	<b>HVAC Air Systems</b> (SMET2420 or concurrent enrollment; or instructor's consent)	<b>S</b>	<b>1</b>	
<b>SMET2540</b>	<b>Sheet Metal Layout, Fabrication, and Installation IV</b> (SMET2530 or concurrent enrollment; or instructor's consent)	<b>S</b>	<b>3</b>	
<b>SMET2550</b>	<b>Sheet Metal Welding III</b> (SMET2540 or concurrent enrollment; or instructor's consent)	<b>S</b>	<b>1</b>	
<b>SMET2560</b>	<b>OJT-Technical Concentration IV</b> (Instructor's consent)	<b>S</b>	<b>2</b>	
<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.*
- *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.*