Program Description
This program is designed to prepare the student with the knowledge to design, create, and maintain Web pages for use on the World Wide Web.

The Computer and Web Programming Certificate transfers seamlessly into LSC’s Computer and Web Programming Diploma (57 credits), and Computer and Web Programming AAS Degree (72 credits).

Program Outcomes
- Successfully design, implement, host a web page that incorporates appropriate use of graphics and multimedia
- Use problem-solving techniques to create a computer or web program to solve business problems

Pre-program Requirements
Successful entry into this program requires a basic level of keyboarding skills and a specific level of skill in the areas of English, reading, and mathematics.

English/Reading:
- A score of 250 or higher on the Reading portion of the Accuplacer, or
- Completion of ENGL/READ 0950 or 0955 (or equivalent course or higher). ENGL/READ 0955 may be taken concurrently with Semester I coursework.

Mathematics:
- A score of 270 or higher on the Arithmetic portion of the Accuplacer, or
- A score of 236 or higher on the QAS portion and a score of 236 or higher on the Arithmetic portion of the Accuplacer, or
- Completion of MATH 0460 (or equivalent course or higher). MATH 0460 may be taken concurrently with Semester I coursework.

There are other ways to qualify. Visit LSC Accuplacer (lsc.edu/Accuplacer) to find out more.

For interpretation of test results and selection of appropriate coursework; or general information about the program, admissions, financial aid, and getting started at LSC, contact the professional advising team (pat@lsc.edu) or 218-733-7601

For more information about the Computer and Web Programming Certificate including course descriptions, course prerequisites, the program report, and potential career opportunities, see the program website (https://degrees.lsc.edu/web-design/)

OR

Contact Faculty Advisor, Anup Parajuli (anup.parajuli@lsc.edu) at 218-733-5955

Required Courses

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<th>Number</th>
<th>Name</th>
<th>Credits</th>
<th>Term</th>
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<tr>
<td>CIS 1402</td>
<td>Foundations of CIS</td>
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<td>CIS 1406</td>
<td>Web Programming I</td>
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<td>CIS 1410</td>
<td>Web Site Design</td>
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<td>Web Graphics I</td>
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<td>Introduction to Programming</td>
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<td>Web Programming II</td>
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<td>CIS 1420*</td>
<td>Advanced Web Site Design</td>
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<tr>
<td>CIS 1610*</td>
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Total Credits 30
*Requires a prerequisite or a concurrent course

CIP Code: 11.0801
Minnesota State Program ID: 4704
LSC Major ID: 5101

Created: 3/1/05
AASC Approval: 12/2/15
Updated: 2/1/20

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 is available in alternative formats upon request, by contacting Disability Services or (218) 733-7650 or MRS/TTY (800) 627-3529.