



## Computer and Web Programming Certificate - 30 credits

Program Area: Computer Information Systems (Fall 2017)

**\*\*\*REMEMBER TO REGISTER EARLY\*\*\***

### 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

### Required Courses

Number	Name	Credits	Term
CIS 1402	Foundations of CIS	3	
CIS 1406	Web Programming I	3	
CIS 1410	Web Site Design	3	
CIS 1412	Web Graphics I	3	
CIS 1415	Introduction to Programming	4	
CIS 1408*	Web Programming II	4	
CIS 1420*	Advanced Web Site Design	4	
CIS 1510	Microcomputer Database	2	
CIS 1610*	Web Scripting	4	

**Total Credits 30**

\*Requires a prerequisite or a concurrent course

### 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, mathematics, and reading.

#### English/Reading:

- A score of 78 or higher on the reading comprehension 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 71 or higher on the **Elementary Algebra Skills** portion of the Accuplacer, or
- Completion of MATH 0460 (or equivalent course or higher). MATH 0460 may be taken concurrently with Semester I coursework.

*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 at [pat@lsc.edu](mailto:pat@lsc.edu) or 218-733-7601*

For more information about the Computer and Web Programming Certificate including course descriptions, course prerequisites, the gainful employment disclosure, and potential career opportunities, see program

Website: <https://degrees.lsc.edu/web-design/>

- or -

Contact Faculty Advisor, Anup Parajuli: [a.parajuli@lsc.edu](mailto:a.parajuli@lsc.edu), 218-733-5955



MINNESOTA STATE

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