

Computer and Web Programming Certificate - 30 credits

Program Area: Computer Information Systems (Fall 2019)

*****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](mailto:pat@lsc.edu) (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 the [program website](https://degrees.lsc.edu/web-design/) (https://degrees.lsc.edu/web-design/)

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