

Computer and Web Programming Certificate - 30 credits

Program Area: Computer Information Systems (Fall 2020)

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 **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	4	
	Programming		
CIS 1408*	Web Programming II	4	
CIS 1420*	Advanced Web Site	4	
	Design		
CIS 1510	Microcomputer Database	2	
CIS 1610*	Web Scripting	4	

Total Credits

30

• 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 <u>LSC Accuplacer</u> (Isc.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

MINNESOTA STATE

CIP Code: 11.0801

Minnesota State Program ID: 4704

LSC Major ID: 5101

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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 <u>Disability Services</u> or (218) 733-7650 or MRS/TTY (800) 627-3529.

^{*}Requires a prerequisite or a concurrent course