# Computer and Web Programming Diploma - 57 credits 

Program Area: Computer Information Systems (Fall 2022)

## ***REMEMBER TO REGISTER EARLY***

## Program Description

Students are prepared to provide technical skills necessary to develop and maintain effective web sites. Students will be taught the necessary skills to create mobile app and Windows software, as well as game development.

This program is offered on-campus and online.
The Computer and Web Programming Diploma transfers seamlessly into LSC's Computer and Web Programming AAS Degree (72 credits).

## Program Outcomes

- Plan, create, and host a website that incorporates appropriate use of visual elements, graphics, and multimedia.
- Develop and apply both front-end and backend web development techniques.
- Analyze and build web-based or computerbased applications using appropriate programming languages and data.
- Practice effective problem-solving methods to build and test computer or web programs to solve business problems.
- Model and construct interfaces between database systems and websites or application programs.
- Design and implement basic game development using suitable programming language and platform


## 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:

- Eligible for ENGL 1106 - College Composition I, or
- Completion of ENGL/READ 0950/0955 (or equivalent or higher). ENGL/READ 0950/0955 may be taken concurrently with Semester I coursework.


## Mathematics:

- Eligible for MATH 0970 - Intermediate Algebra, or
- Completion of MATH 0950/0955 (or equivalent or higher). MATH 0950/0955 may be taken concurrently with Semester I coursework.

There are other ways to qualify. Visit Course Placement (Isc.edu/course-placement) to find out more.

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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 (advising@Isc.edu) or 218-733-7601

For more information about the Computer and Web Programming Diploma including course descriptions, course prerequisites, the program report, and potential career opportunities, see the program website (https://degrees.Isc.edu/programming/)
or
Contact Faculty Advisor, Anup Parajuli, (anup.parajuli@lsc.edu) at 218-733-5955

