

DEGREES & CERTIFICATES

COMPUTER PROGRAMMING FOR THE WEB CERTIFICATE OF ACHIEVEMENT (CA)

About the Program

The Las Positas Computer Science and Computer Information Systems programs offers courses that lead to a Certificate of Achievement in Computer Programming for the Web. The certificate prepares students for direct job entry into areas such as Web development, Mobile application development, Systems Analysis of Web solutions, SQL/PHP programming and database programming for the Web. This program will even prepare students for many of the changes in internet programming technologies as they emerge assuring a well prepared graduate for the market place.

Program Goals and Objectives

Computer Programming for the Web Certificate of Achievement is design to prepare the student to enter the internet workforce prepared with the knowledge they need to acquire an entry level internet programming position. This program prepares students in analytical thinking, critical analysis, user interface design, group collaboration, effective communications and the necessary skills to develop internet based applications to make them an asset in any internet based software development organization.

Career Opportunities

Static and Dynamic Web Page Developer PHP Developer for the web Web based database developer

Program Outcomes

- Upon completion of the Certificate of Achievement in Computer Programming for the Web, students are able to direct computer operations by writing detailed instructions in computer languages.
- Upon completion of the Certificate of Achievement in Computer Programming for the Web, students are able to implement interactive web pages using high level programming language instructions to implement specific information internet-based solutions.
- Upon completion of the Certificate of Achievement in Computer Programming for the Web, students are able to professionally demonstrate the application of their web development skills in the development of their solution to solve a specific internet-based computer project.

Learning and Career Pathway Maps

[View LPC Program Map](#)

Required Core:(18 units)

CIS 60 Systems Analysis and Design.....	3
CIS 59 Web Dev: HTML/CSS/Javascript.....	3
CIS 92 Web: PHP Programming, MySQL.....	3
CS 7 Introduction to Computer Programming Concepts.....	3
CS 43 Professional Communications.....	3
CS 47 Capstone Project.....	3

List A: Select Three (9-11 units)

CIS 59C Web Programming - JavaScript.....	3
CS 16 Mobile Application Development - iPhone.....	3
CS 18 Mobile Application Development - Android.....	3
CS 31 Java Programming.....	4
CS 45 Database Programming.....	4