

## DEGREES & CERTIFICATES

### MANAGEMENT INFORMATION SYSTEMS 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 Management Information Systems. The certificate prepares students for direct job entry into areas such as Financial application development, E-Commerce application development, Database development and project management.

#### Program Goals and Objectives

Management Information Systems Certificate of Achievement is designed to prepare the student to enter the workforce prepared with the knowledge they need to acquire an entry level business programming job or apprenticeship. This program prepares students in analytical thinking, critical analysis, user interface design, group collaboration, effective communications and the necessary skills to develop business-based applications to make them an asset in any business needing software developers.

#### Career Opportunities

Financial programmer Business systems programmer E-Commerce programmer Database designer/programmer

#### Program Outcomes

- Upon completion of this program, students will be able to apply their programming skills to solve business related problems in support of both small and medium businesses.

#### Learning and Career Pathway Maps

[View LPC Program Map](#)

#### Required Core: (27 Units)

BUSN 1A Financial Accounting.....	4
BUSN 40 Introduction to Business.....	3
CIS 43 Professional Communications or .....	3
CNT 43 Professional Communications or .....	3
CS 43 Professional Communications.....	3
CS 45 Database Programming.....	4
CIS 60 Systems Analysis and Design.....	3
CIS 62 Project Management.....	3
CS 1 Computing Fundamentals I.....	4
CS 7 Introduction to Computer Programming Concepts.....	3