# Clovis Community College

## 2023 - 2024

## Information Systems: Web Design Associate in Science Degree

Complete the following program of study (Major C.693D.AS). Major requirements (25.5 - 26.5 units minimum).

The Associate in Science Degree is designed to provide students with the basic knowledge and skills necessary to pursue a career in Information Systems. Students completing the Business Department Core courses and the Information Systems core courses and one of the three options (Networking, Web Design, or Programming for the Web) will be able to enter the workforce with a comprehensive understanding of computer basics and a computing specialty (option) that can be applied in business, government, or education.

**Name:** _____  **Student ID:** _____  **Date:** _____

## Course Overview and Selection

### Information Systems Core:

| Course | Course Description | Units | Completed | In Progress | Planned |
|---|---|---|---|---|---|
| IS 13 | Database Essentials | 1.5 | | | |
| IS 15 | Computer Concepts | 3 | | | |
| IS 16 | Word Processing | 1.5 | | | |
| IS 18 | Spreadsheet Fundamentals | 1.5 | | | |
| IS 40A | Web Development with HTML, CSS, and JavaScript | 3 | | | |
| IS 40B | Advanced Web Design Concepts, Design and Programming | 3 | | | |
| IS 42A or ART 37A | Graphics Design for the Web or Photoshop: Digital Visual Art | 3 | | | |
| IS 42B or ART 42A | Animating for Web Designs or Computer Animation/3D | 3 | | | |

### List A: Select two courses:

| Course | Course Description | Units | Completed | In Progress | Planned |
|---|---|---|---|---|---|
| IS 31 | Introduction to Programming | 3 | | | |
| IS 33 | Beginning Java Programming | 3 | | | |
| IS 47 | Visual Basic | 3 | | | |
| IS 50A | Introduction to Game Programming | 3 | | | |
| CSCI 40 | Programming Concepts and Methodology I | 4 | | | |

### Program Learning Outcomes:

1. Operate commonly used computer hardware and office software.
2. Identify the categories of software by their purpose and provide examples of each category.
3. Plan, design, and write stand-alone computer programs.
4. Apply structured logic in analyzing and solving problems.
5. Develop a well-designed relational database.
6. Create a Web document that contains hyperlinks, graphics, tables and forms.
7. Demonstrate a breadth of knowledge of networking its uses in the business environment.

### Comments: