

2021-2022

## Information Systems: Web Design Certificate of Achievement

Complete the following program of study (Major C.693D.CA). Major requirements (17.5 units minimum).

This program provides students with the knowledge, training, and hands-on experience to pursue a career as a Web Design Specialist. Students completing this pursue of study will be able to enter the workforce as a web design specialist in business, government, and educational environments. These courses apply toward the Associate degree in Information Systems.

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_ Date: \_\_\_\_\_

### Course Overview and Selection

#### Required Core:

Course	Course Description	Units	Completed	In Progress	Planned
IS 13	Database Essentials	1.5			
IS 15	Computer Concepts	3			
IS 19V	Cooperative Work Experience, Information Systems	1			
IS 40A	Web Development with HTML, CSS, and Java Script	3			
IS 40B	Advanced Web Design Concepts, Design, and Programming	3			
IS 42A <i>or</i> ART 37A	Graphics Design for the Web <i>or</i> Photoshop: Digital Visual Art	3			
IS 42B <i>or</i> ART 42	Animating for Web Designs <i>or</i> Computer Animation/3D	3			

#### 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: