HOUSATONIC COMMUNITY COLLEGE

COURSE NAME: WEB DESIGN

COURSE NUMBER: GRA* 261

CREDIT: 3

PREREQUISITE OR PARALLEL: ENG*101

Catalog Description:

An introduction to the concepts of professional website design using Dreamweaver and Flash. Utilizing sophisticated Web page creation software, tables and frames can be added to web pages along with PDFs. QuickTime and Shockwave files, creating dynamic web sites. Students will create a Web site by combining skills; acquired in previous computer graphics courses and with this software and simple HTML. Other software programs may be used during this course.

General Education Competencies Satisfied:

HCC General Education Requirement Designated Competency Attribute Code(s):

None

Additional CSCU General Education Requirements for CSCU Transfer Degree Programs:

None

Embedded Competency(ies):

CONX Continuing Learning & Information Literacy (Outcomes ☒ 1 ☒ 2 ☒ 3 ☒4)

Discipline-Specific Attribute Code(s):

☒ **FINA Fine Arts elective**

Course objectives:

General Education Goals and Outcomes:

Embedded Continuing Learning & Information Literacy: Students will be able to use traditional and digital technology to access, evaluate, and apply information to the needs or questions confronting them throughout their academic, professional, and personal lives.

1. ☒ Demonstrate competency in using current, relevant technologies to solve problems, complete projects, and make informed decisions.
2. ☒ Access, navigate, identify and evaluate information that is appropriate for their need(s) and audience(s).
3. ☒ Synthesize information to broaden the knowledge base and produce both independent and collaborative work.

4. ☒ Evaluate the economic, legal, ethical, and social issues surrounding the access and use of information and relevant technologies.

Course Specific Outcomes:
1. Demonstrate a knowledge of concepts in basic Web design.
2. Demonstrate a knowledge of popular drag-and-drop Web software.
3. Demonstrate a knowledge of HTML basics.
4. Demonstrate competence in the use of computer graphics applications.
5. Demonstrate the process of visual thinking that leads to productive problem solving.
6. Demonstrate a knowledge of the study of the aesthetic and expressive qualities of computer graphics as aspects of Web site design.
7. Create a Web site that demonstrates the acquisition of professional standards in computer graphics.
8. Investigate and articulate ethical choices when communicating through the visual medium.

Course Content:

Web Site Application Topics:
Introduction
Tools
Palettes and Windows
Working with Text
Working with Links and Anchors
Working with Graphics and Images
Creating Graphics and Images
Creating Client Side Image Maps
Adding Frames to Your Web Pages
Using Forms in Your Web Pages
Working with HTML

Web Graphics Topics:

Understanding the Web Environment
Graphic Formats
Browser Safe Colors
Creating GIFs and JPEGs
Animated GIFs with GifBuilder
Backgrounds, Type and Shims