Department:

Business

Course Description:

This course is designed to provide an introduction to Web site creation and design through the use of Adobe Dreamweaver software. Also covered will be how to use the Spry framework to create enhanced Web site activities. The course will include adding media objects to Web pages as well.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Design and create a Web site that includes a theme, hyperlinks, page content, banner, horizontal lines, tables, and interactive buttons.
2. Design and create a Web site that includes tables with cell spacing and cell padding.
3. Create a navigation structure for a Web site.
4. Create a Web site that includes sound and animation.
5. Compose content for a Web site.
6. Create interactive Web forms.
7. Create Web pages that include scanned pictures, audio, and video.

Course Content:

A. Creating a Dreamweaver Web Page and Local Site
   1. The Dreamweaver environment and workspace
   2. Web page backgrounds
   3. Adding text to a Web page
   4. Web page titles
   5. Formatting features
   6. Previewing a Web page in a browser
B. Adding Web Pages, Links, and Images
   1. Adding pages to a Web site
   2. Working with images
   3. Creating relative, absolute, and email links
   4. Dreamweaver views
C. Tables and Page Layout
   1. Working with tables
   2. Heading and index page content
   3. Publishing a Web site
D. Templates and Style Sheets
   1. Creating and saving a template, adding banner image, editable and non-editable regions
   2. Style sheets: types and attributes
   3. Style sheets and links

E. Absolute Positioning, Image Maps, History Panel, Date Objects
   1. Absolute positioning div property inspector
   2. Absolute positioning elements panel
   3. Images
   4. Behaviors
   5. Date object

F. Forms
   1. Inserting and formatting a horizontal rule
   2. Setting form properties
   3. Inserting a table into a form
   4. Inserting text fields, check boxes, pop-up and jump menus, buttons
   5. Validating form behavior

G. Using Spry to Create Interactive Web Pages
   1. Spry widgets
   2. Paste special command
   3. Menu bar widget
   4. Spry effects

H. Advanced Spry Activities
   1. Tooltip widget, tabbed panels
   2. Accordion widgets, images, shake effect, squish effect

I. Media Objects
   1. Adobe Flash
   2. Audio
   3. Video types
   4. Plug-ins
   5. Shockwave, Java Applets, Adobe Smart Objects, Adobe Fireworks

Learning Assessments:

Course competencies will be assessed based on the successful completion and operation of Web site projects, other class assignments, group projects, and class participation.

Instructional Materials:

Software: Adobe Dreamweaver CS5, Flash Scanner, Digital Camera, Color Laser Printer
Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

On-Campus Students: At enrollment, any on campus student may complete a form that will allow them to self-identify any disability.

Off-Campus Regional Students: Self-identify your disability and accommodation needs with the Regional Coordinator and/or instructor, preferably prior to the first class meeting.

Online Students: Self-identify your disability and accommodation needs by contacting the Disabilities Coordinator. Students must provide their own programs to allow accessibility on their home computer.

Any student may also identify their disability by completing an online form located on the HCC homepage under Students Services/Resources/Disabilities. Questions should be directed to the Disabilities Coordinator.