

LAST REVIEW: 2009-2010

(i.e. 2003-2004)

NEXT REVIEW: 2014-2015

(i.e. 2008-2009)

STATUS: A

(A, I, D)

COURSE TITLE: Adobe Dreamweaver

COMMON COURSE NUMBER: CTS 1800C

CREDIT HOURS: 3

CONTACT HOUR BREAKDOWN

(per 16 week term)

CLOCK HOURS:

(Voc. Course ONLY)

Lecture: **36**

Lab: **12**

Clinic:

Other:

PREREQUISITE(S): CTS 1851C (with a grade of C or higher)

COREQUISITE(S): None

PRE/COREQUISITE(S): None

COURSE DESCRIPTION *(750 characters, maximum):*

This course teaches students how to use the Adobe Dreamweaver Integrated Development Environment. Students learn Project requirements, website usability, using rich media content, content control tools, website building techniques, collaboration and Site testing, and how to manage and maintain websites.

UNIT TITLES

- 1. Setting Project Requirements**
- 2. Planning Site Design and Page Layout**
- 3. Understanding Adobe Dreamweaver Interface**
- 4. Adding Content by Using Dreamweaver**
- 5. Organizing Content by Using Dreamweaver**
- 6. Evaluating and Maintaining a Site by Using Dreamweaver**

EVALUATION:

Please provide a brief description (250 characters maximum) that details how students will be evaluated on the course outcomes.

Evaluation instruments will include written and/or skills-based examinations and individual in-class and/or take-home assignments. Evaluation methods may also include group in-class and/or take-home assignments.

Common Course Number: CTS 1800C

UNITS

Unit 1: Setting Project Requirements

General Outcome:

- 1.0 The student shall learn to balance project requirements and website design concepts.**

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 1.1. Identify the purpose, audience, and audience needs for a website.**
- 1.2. Identify web page content that is relevant to the website purpose and appropriate for the target audience.**
- 1.3. Demonstrate knowledge of standard copyright rules (related terms, obtaining permission, and citing copyrighted material).**
- 1.4. Demonstrate knowledge of website accessibility standards that address the needs of people with visual and motor impairments.**
- 1.5. Make website development decisions based on your analysis and interpretation of design specifications.**
- 1.6. Understand project management tasks and responsibilities.**

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Unit 2: Planning Site Design and Page Layout

General Outcome:

- 2.0 The student shall be able to demonstrate a working understanding of web site design, usability, and accessibility. Students will be able to produce web sites that work independent of the hardware or software used to view them.**

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 2.1 Demonstrate general and Dreamweaver-specific knowledge of best practices for designing a website, such as maintaining consistency, separating content from design, using standard fonts, web-safe colors, and utilizing visual hierarchy.**
- 2.2 Produce website designs that work equally well on various operating systems and browser versions/configurations.**
- 2.3 Demonstrate knowledge of page layout design concepts and principles.**
- 2.4 Identify basic principles of website usability, readability, and accessibility.**
- 2.5 Demonstrate knowledge of flowcharts, storyboards, and wireframes to create web pages and a site map (site index) that maintain the planned website hierarchy.**
- 2.6 Communicate with others (such as peers and clients) about design and content plans.**

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Unit 3: Understanding the Adobe Dreamweaver Interface

General Outcome:

3.0 The student shall demonstrate proficiency in navigating the Adobe Dreamweaver program.

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 3.1 Identify elements of the Dreamweaver interface.**
- 3.2 Use the Insert bar.**
- 3.3 Use the Property inspector.**
- 3.4 Use the Assets panel.**
- 3.5 Use the Files panel.**

Common Course Number: CTS 1800C

Unit 4: Adding Content by using Dreamweaver

General Outcome:

4.0 The student shall demonstrate hands-on proficiency building a web site using the Adobe Dreamweaver program.

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 4.1 Define a Dreamweaver site.**
- 4.2 Create, title, name, and save a web page.**
- 4.3 Add text to a web page.**
- 4.4 Insert images and apply alternative text on a web page.**
- 4.5 Link web content, using hyperlinks, e-mail links, and named anchors.**
- 4.6 Insert rich media, such as video, sound, and animation in Flash format.**
- 4.7 Insert navigation bars, rollover images, and buttons created in Fireworks on a web page.**
- 4.8 Build image maps.**
- 4.9 Import tabular data to a web page.**
- 4.10 Import and display a Microsoft Word or Microsoft Excel document to a web page.**
- 4.11 Create forms.**

Common Course Number: CTS 1800C

Unit 5: Organizing Content by using Dreamweaver

General Outcome:

5.0 The student shall demonstrate proficiency managing and organizing a web site using the Adobe Dreamweaver program.

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 5.1 Set and modify document properties.**
- 5.2 Organize web page layout with absolutely-positioned div tags and CSS styles.**
- 5.3 Modify text and text properties.**
- 5.4 Modify images and image properties.**
- 5.5 Create web page templates.**
- 5.6 Use basic HTML tags to set up an HTML document, format text, add links, create tables, and build ordered and unordered lists.**
- 5.7 Add head content to make a web page visible to search engines.**
- 5.8 Use CSS to implement a reusable design.**

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Unit 6: Evaluating and Maintaining a Site by Using Dreamweaver

General Outcome:

6.0 The student shall demonstrate proficiency evaluating and maintaining a site using the Adobe Dreamweaver program.

Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 6.1 Conduct basic technical tests.**
- 6.2 Identify techniques for basic usability tests.**
- 6.3 Identify methods for collecting site feedback.**
- 6.4 Present web pages to others (such as team members and clients) for feedback and evaluation.**
- 6.5 Manage assets, links, and files for a site.**
- 6.6 Publish and update site files to a remote server.**