

CIS 58.62C Spring 2009

Dreamweaver C Course Syllabus

Course Information & Hours

- Prerequisites: CIS 58.62B
- Instructor: Jeffrey Diamond
- Voice mail: 527-4990
- Office Hours: Monday 10:00 am -12:00 pm Online
Thursday 3:00 pm – 5:00 pm Maggini 2941
- Email: jdiamond@santarosa.edu
- Website: <http://www.santarosa.edu/~jdiamond>

Computer Access

You may use the CIS labs in Santa Rosa or Petaluma during regularly scheduled lab hours, or work at your own computer. Attendance during the lab period is optional. Access to the Internet is required for most assignments.

Materials required

- Access to Dreamweaver CS4 (available for purchase in SRJC bookstore)
- A web host (preferably student.santarosa.edu)
- Required Textbook: Dreamweaver CS4 with CSS, Ajax, and PHP by David Powers, Friends of Ed publishers, ISBN: 978-1-4302-1610-0
- Downloads and errata: <http://friendsofed.com/book.html?isbn=9781430216100>

Attendance policy

Regular attendance is crucial for success in this class. Any more than two unexplained absences will cause your grade to be lowered may cause you to be dropped from class.

Tests

There will be online midterm and final quizzes. **If any exam is missed, a zero will be recorded as the score. It is your responsibility to take the quiz by the due date.**

Grading Policy

- Grades are based on:
- Homework- 14 assignments worth 4 points each (56%)
- MTM Evaluation (4%)
- Two Quizzes- 20% each (40% total)
- Optional Final Project (up to 15% extra credit)

• 91-100%	• A
• 81-90%	• B
• 71-80%	• Credit/C
• 65-70%	• D
• below 65%	• F

Homework

All homework instructions are available at least two weeks ahead of our class work. Web pages should be tested in Firefox, IE7, and Opera on the PC and Safari and Firefox on the Mac. Homework is due by 5:00 pm before the next class. **I will check your index page for each week's link to the homework assignment currently due.**

Late assignments

Any work submitted past midnight of the due date will be considered late and will not be accepted.

Credit-No Credit

You may take this class credit/no-credit and file the appropriate form with A & R.

Dropping the Class

If you discontinue this course, you must drop it through A & R to get a refund (after 10% of course length), a W symbol (after 20%), or a grade (after 60%).

Final Project

The optional final project needs to be posted to your website. Specifics for this project will be made available on my website.

Cell Phones and Beepers

Use not permitted in classroom or lab. See instructor if you have an emergency.

Standards of Conduct

You are encouraged to ask questions in class in a manner that is considerate to your classmates. Students shall conduct themselves in a manner that reflects their awareness of common standards of decency and the rights of others. Interference with SRJC's educational objectives is a cause for disciplinary action. All members of the college community are expected to refrain from such interference, including:

- Disruption of teaching
- Dishonesty, cheating, plagiarism
- Disorderly, lewd, indecent, or obscene conduct

Email etiquette

- **Always include a pertinent subject title for the message.**
- Capitalize words only to highlight an important point or to distinguish a title or heading. Capitalizing whole words is termed as SHOUTING!
- Be professional in speaking of others. Email is easily forwarded.

Special Needs

Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disability Resources (527-4278), Analy Village - C, as soon as possible to better ensure such accommodations are implemented in a timely fashion.

Schedule of Classes

Week One-January 15- Introduction

- Course objectives
- Administrative details
- Dreamweaver's New Look
- Setting Up a Site in Dreamweaver

Homework One- due January 22

1. Complete ALL the "Getting Started" steps on my homepage
<http://www.santarosa.edu/~jdiamond/index.php>
2. Complete the class-check-in procedures
3. Read chapters 1 and 2 (pp.1-100)
4. Define a site in Dreamweaver and set up an account on student.santarosa.edu
5. Create **index.htm** with the following links:

hw2.htm

hw6.htm

hw10.htm

hw14.htm

hw3.htm

hw7.htm

hw11.htm

hw15.htm

hw4.htm

hw8.htm

hw12.htm

hw5.htm

hw9.htm

hw13.htm

These will become working links as you complete each week's homework.

6. Upload your index.html page to your web site
7. **Insert a link to the** [student homework links page here](#)

Week Two- January 22- Creating a Web Page and Adding Content

- Creating a new document
- Insert text and images
- Adding structure to your page
- Creating links

Homework Two- due January 29

1. Read chapter 3 (pp.103-154)
2. Complete homework one
3. Upload and link **hw2.htm** to your website

Week Three- January 29- Adding a Touch of Style

- Using CSS to Add a Touch of Style

Homework Three- due February 5

1. Read chapter 4 (pp.155-194)
2. Upload and link **hw3.htm** to your website

Week Four- February 5- Creating a CSS Site Straight Out of the Box

- Using built-in CSS layout
- Using Find and Replace

Homework Four- due February 19

1. Read chapter 5 (pp.195- 232)
2. Upload and link [hw4.htm](#) to your website

February 12- PDA Day No Classes

Week Five- February 19- Building Site Navigation with the Spry Menu Bar

- Examining the structure of a Spry menu bar
- Styling a Spry menu bar

Homework Five- due February 26

1. Read chapter 6 (pp.233- 256)
2. Upload and link [hw5.htm](#) to your website

Week Six- February 26- Using Spry Dynamic Effects and Components

- Animating page elements with Spry effects
- Conserving space with Spry UI components

Homework Six- due March 5

1. Read chapters 7 (pp.257-306)
2. Upload and link [hw6.htm](#) to your website

Week Seven- March 5- Going Beyond the Basics with Spry and Ajax

- Programming terminology 101
- Understanding Spry Objects
- Creating Spry utilities
- Creating unobtrusive JavaScript
- Installing Dreamweaver extensions
- Using jQuery and YUI web widgets

Homework Seven- due March 19

1. Read chapter 8 (pp.307-370)
2. Upload and link [hw7.htm](#) to your website

March 10-15- Spring Break

Week Eight- March 19- Building Online Forms and Validating Input

- Building a simple feedback form
- Using multiple-choice form elements
- Organizing form elements in logical groups
- Validating user input before submission

Homework Eight- due March 26

1. Read chapter 9 (pp.371-424)
2. Upload and link [hw8.htm](#) to your website
3. Review book chapters 1-9 and complete online midterm

Week Nine- March 26- Introducing the Basics of PHP

- Review midterm quiz
- Understanding what PHP is for
- Writing PHP scripts

Homework Nine- due April 2

1. Read chapter 10 (pp.425- 457)
2. Upload and link [hw9.htm](#) to your website

Week Ten- April 2- Using PHP to Process a Form

- Activating the form
- Getting information from the server with PHP superglobals
- Sending email

Homework Ten- due April 9

1. Read chapter 11 (pp.460-501)
2. Upload and link [hw10.htm](#) to your website

Week Eleven- April 9- Reducing your workload with PHP Includes

- Including text and code from other files
- Lightening your workload with includes
- Adapting the mail processing script as an include
- Avoiding the "headers already sent" error

Homework Eleven- due April 16

1. Read chapters 12 (pp.503- 536)
2. Upload and link [hw11.htm](#) to your website

Week Twelve- April 16- Preserving Design Integrity with Templates and InContext Editing

- Using Dreamweaver templates
- Updating content with Adobe InContext Editing

Homework Twelve- due April 23

1. Read chapter 13 (pp.540-580)
2. Upload and link [hw12.htm](#) to your website

Week Thirteen- April 23- Storing User Records in a Database

- Introducing MySQL
- Setting up a database in MySQL
- How databases store information
- Creating a user registration system

Homework Thirteen- due April 30

1. Read chapter 14 (pp.584-635)
2. Upload and link [hw13.htm](#) to your website

Week Fourteen- April 30- Validating Database Input and User Authentication

- Analyzing the code generated by Dreamweaver
- Adding server-side validation
- Building custom server behaviors
- Completing the user registration form
- Applying server-side validation to the update form
- What sessions are and how they work
- Registering and authenticating users

Homework Fourteen- due May 7

1. Read chapters 15 (pp.638-681)
2. Upload and link [hw14.htm](#) to your website
3. Begin work on Final Project (optional)

Week Fifteen- May 7- Using XSLT to Display Live News Feeds and XML

- A quick guide to XML and XSLT
- Pulling in an RSS news feed
- Being a bit more adventurous with XSLT

Homework Fifteen- due May 14

1. Read chapters 18 (pp.806-841)
2. Upload and link [hw15.htm](#) to your website

Week Sixteen- May 14- Using Spry Datasets to Refresh Content

- Creating a Spry dataset from HTML
- Understanding the Spry data code
- Switching data sets dynamically
- Creating a Spry data set from XML
- Validating pages that use Spry

Homework Sixteen- due May 21

1. Review chapters 10-18 and complete online quiz
2. Complete [MTM Evaluation](#)
3. Upload and link optional [final_project.htm](#) to your website
4. Bring a snack for our potluck.