CISW326 – Intermediate Web Site Development using Dreamweaver CS5/CS6
Fall 2012

Section: 15963  
Semester: Fall – 2012  
Units: 3 Units (CSU Transferable)

Lecture: Tuesday/Thursday Evenings  
Location: FL2-240  
Time: 7:00pm – 9:50pm (10 minute break @ 8:30pm)

Instructor: David Tully  
Email: tullyd@flc.losrios.edu  
Office Hours: Tuesday/Thursday 6pm-7pm  
Office Location: Adjunct Work Room (FL1 building)

http://www.d2l.losrios.edu/ (Desire 2 Learn website containing class information)

Bookmark: http://www.tullycomputerservices.com/cisw326 (class website folders)

These: ftp://cisw326.tullycomputerservices.com/ (class ftp server)

Websites: http://flc.losrios.edu/~tully/ (Instructor's Website)

http://www.w3c.org (Consortium for web development standards)

Textbook: Adobe Dreamweaver CS5 (Comprehensive)  
Author: Hart/Geller  ISBN: 978-0-538-46714-8 (a copy is on reserve in the PLE)

Software: Adobe CS5, CS5.5 or CS6 Web Premium (go to www.uscollegebuy.com/s.htm)  
CS4 Web Standard or Premium will work (Anything older will not work)

Prerequisite: CISW 321 with a grade of "C" or better or  
Proof of a college level web design course completed with "C" or better

Bookstore Hours: 916-608-6565

<table>
<thead>
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<th>Fall 2012</th>
<th>Monday – Thursday</th>
<th>8:00am - 7:30pm</th>
<th>Friday</th>
<th>8:00am - 3:00pm</th>
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Fall refunds will be accepted within five days from the start of class

Library Hours (PLE): 916-608-6613

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Admissions & Records: 916-608-6500

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<th>Friday</th>
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Reminder - Please turn off your cell phones before class starts

FALL REFUNDS: See your bookstore receipt

Have you obtained your student access card yet?

Have you setup your iMail Account yet?
https://imail.losrios.edu

Revised 02/17/2012  
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COURSE DESCRIPTION
This course will reinforce many Dreamweaver topics covered in the beginning course (CISW 305 or CISW 321) using a more in-depth approach to those topics. The course will lead into the use of Flash CS4 and Content Management using Contribute CS4 for creating feature rich web content. Other discussion topics include Advanced Page Formatting, Dynamic Data, Integrating Search Functionality, Adding Shopping Cart functionality, Security, User Authentication, Competing Products to those within Adobe CS4 Web development products and selecting a reliable web hosting service. Since students enrolled in this course will have mastered the fundamentals of developing a website from a beginning Dreamweaver course, emphasis will be placed on integrating Adobe Flash and Adobe Fireworks with the Dreamweaver platform.

COURSE REQUIREMENTS
Unless the student prefers to use the campus computers, they will need to have access to Adobe CS3 or CS4 Web Standard software. The version 8 of the equivalent Adobe software will also work but differences do exist and sometimes cause confusion in the text book which is based on the CS4 version. All assignments must be uploaded to Instructor’s web server before the start of the next chapter in order to receive full points. Interaction with the instructor will exist during class lecture, email, discussion board within D2L. Students will be able to meet with the instructor during his office hours by appointment only (Tuesday and Thursday 6-7pm). The student must successfully complete all assignments to receive a passing score in the class. The student should allow at least 4-6 hours per week to read assigned chapters and work on chapter assignments.

CISW326: LEARNING OUTCOMES AND OBJECTIVES
• Demonstrate the use and purpose of style sheets, frames and framesets, forms and form elements, and behaviors in a Web site.
• Develop a fully functional Web site through team collaboration and task automation.
• Demonstrate how to build a dynamic Web site which includes the topics of server-side technologies, databases, and the language used to extract, insert, delete, and update data with databases such as Microsoft Office or Structured Query Language (SQL).
• Develop, edit and maintain rich media content in a Web site using Adobe's Flash and Fireworks software.

ALL ASSIGNMENTS TURNED IN MUST COMPLY WITH INSTRUCTOR'S DELIVERY FORMAT
• Any typed written pages and homepage pages (index.htm) must show the Chapter #, Assignment and Student’s Name (No handwritten work will be accepted)
• Screen prints may be required to show proof of work on some assignments
• All webpage assignments must be submitted to instructor’s web server (not emailed to instructor)
• Instructor will mark off points for incorrect grammar or spelling
• If choosing the personal website option, your site must be approved by your instructor

FINAL GRADES ARE BASED ON THE FOLLOWING PERCENT OF TOTAL POINTS Earned
A = 100%–90%  B = 89%–80%  C = 79%–70%  D = 69%–60%  F = 59%–Below

Within one week after the class ends, grades will be available on instructor’s website www.flc.losrios.edu/~tully

POLICIES
• School policy states that students are required to attend all classes for which they are registered.
• Students with 3 or more no shows in the beginning of the class will be dropped by the instructor. However, if you have been attending class but decided to later drop, the instructor will not automatically drop you from the class. Therefore you are responsible for dropping the class.

• I will make every effort to make the class interesting and informative but encourage class participation on topics pertaining to the lecture. Given there is limited time to cover the numerous chapter topics, I may not be able to answer everyone's questions and encourage you to use the D2L discussion board to post your questions so everyone benefits from the answers from your classmates or instructor.
Desire2Learn User Instructions

To log on to the Los Rios eLearning (Desire2Learn) server, open your web browser and go to the following address: http://elearning.losrios.edu or http://d2l.losrios.edu

USERNAME and PASSWORD:

- **Students:** Your username is the letter w followed by your **Student ID#**.
- **All users:** Your password is your Los Rios “unified password”. (This is the same password as for eServices, iMail and college email.)

  Example: Indiana Jones' Student ID# is 1234567. His eLearning login is **w1234567**
  He set his password in eServices when he enrolled and set his security questions.
  He uses the same “unified password” for D2L, iMail, and other Los Rios systems.

- **On the My Home page, you will see a list of your courses using D2L in the My Courses area.**
- **Your iMail address as the default email address and this cannot be changed.**
  1. Your iMail account will automatically forward your email to whatever personal email address you provided when you enrolled.
  2. If you want to change your forwarding options, go to [http://imail.losrios.edu](http://imail.losrios.edu)

- **If you forget your password, you can reset it by using the “Forgot Password?” link on the D2L login page.**

HOW TO GET HELP:

1. Your instructor can help you with the course content and assignments.

2. **Help is available BEFORE and AFTER you login.** There is LOTS of important information and an orientation on the Student Help link.

3. If you still cannot find an answer to your problem on the Student Help website, you can contact the Help Desk by phone or by email 24 hrs a day, 7 days a week. **1-866-353-9451**
Dear Student:

As you begin a new semester at FLC, you are probably thinking about the challenges ahead. Many of you have obligations in addition to school such as work, family, health, and other outside activities. Trying to manage the many priorities in your life can be difficult. If you find that the pressures of balancing the obligations in your life are making it difficult to succeed in a class, please know there are many resources available to help you. If you are struggling in a class, the first person you should contact is your instructor. Make sure you do this early before you are completely overwhelmed. Your instructor is available to talk to you about your challenges during the office hours listed in your syllabus. In addition to your instructor there are a variety of other services at FLC to assist you. A few of the most important are:

**Counseling**-FLC (916) 608-6500; EDC (530) 642-5645 RCC (916) 255-3432
Our counselors help students assess their talents, abilities, and interests and relate them to educational planning and career alternatives. In addition to providing academic support, counselors are also available to assist you with any life issues that may be affecting your academic success.

**Reading and Writing Center**-FLC (916) 608-6517; EDC English Center-(530) 642-5686
The FLC Reading and Writing Center and the EDC English Center provide supportive and personalized learning environments.

**Tutorial Services**-FLC (916) 608-6547; EDC (530) 642-5636
Our tutorial services provide individualized tutoring in many subject areas including basic skills and study skills courses. Available at no cost to students.

**Health Services**-FLC (916) 608-6782
The Wellness Center is a resource for staff and students to promote health of mind, body, and spirit. The center provides individual health counseling, TB tests, first aid assistance, and workshops.

**Disabled Students Programs & Services (DSPS)**-FLC (916)-608-6611; EDC (530) 642-5630
Educational, support services and advocacy for students with physical and learning disabilities.

**Advise 5**-FLC (916) 608-6730; EDC (530) 642-5649
A student mentoring program connecting students with faculty/staff and resources.

**Financial Aid**-FLC (916) 608-6646; EDC (530) 642-5651; RCC (916) 255-5211
Financial Aid is available for students who need help in meeting their educational costs in the form of state and federal grants, loans, and scholarships.

These are just some of the resources available. Other more specialized programs and services include: Assessment, CalWORKS, Extended Opportunities Programs & Services, International Services, Veterans Affairs, Work Experience, and the Child Development Center. Again, as soon as you feel you may need some assistance, speak with your instructor or contact Counseling at FLC (916) 608-6500; EDC (530) 642-5645; or RCC (916) 255-3432.
## CISW326 – ASSIGNMENTS

### Fall 2012

15963

**Name:** ____________________________

*(please print your first and last name)*

**Site Name:** ______________________________

**Check Appropriate Box:**

- □ Mac User
- □ Windows User

### Check Appropriate Box:  □ Mac User  □ Windows User

<table>
<thead>
<tr>
<th>Phase</th>
<th>Start Date</th>
<th>Due Date</th>
<th>Project Phase</th>
<th>Focused Areas</th>
<th>Points Possible</th>
<th>Points Earned</th>
<th>Late (1 pt)</th>
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<td>Editable Region</td>
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<td>11/13</td>
<td>Home Page &amp; Style Usage</td>
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<td>11/13</td>
<td>11/20</td>
<td>Contact Form Page</td>
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<td>6</td>
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<td>12/04</td>
<td>Registration Page</td>
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<td>7</td>
<td>12/04</td>
<td>12/11</td>
<td>Admin Login</td>
<td>Admin Menu</td>
<td>20</td>
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<tr>
<td>8</td>
<td>12/11</td>
<td>12/14</td>
<td>Finish up &amp; Prepare for Final Exam</td>
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12/13 (6pm-9:50pm in classroom)  

**Final Exam**  

**Total Points**  

**Letter Grade**  

1 point will be deducted for submitting assignments past the due date.

**All assignments due by 5pm on 12/14**

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**Note** – there will be no class on Thursday **11/22**
CISW326 – Intermediate Website Development using Dreamweaver

Project Requirements
The objective of this course is to incorporate those topics learned from the beginning Dreamweaver course into a website that you will build for the next 8 weeks. The topic of your site is up to you to choose but it must contain the following components:

Week 1
1. Layout and Flowchart must be done in MS Word or similar (Site must contain at least 3 pages).

Week 2
2. Template page must make use of Meta Tags.
3. Pages must render in IE, Firefox, and Safari.
4. HTML pages must contain comments in code view
5. Must select websafe colors.
6. Template page must contain a logo
7. Must include pictures using alt text in at least home page.
8. Must incorporate a navigation bar in header.
9. Must make use of editable regions

Week 3
1. Must incorporate two external CSS style sheets (text and print).
   a. Text styles (use class and id’s)
   b. Print styles
      I. Setup a page that will be used with a print media style sheet.
      II. The printed version of the page will eliminate all but the content of the page.
      III. I will use the print preview to grade the assignment.
2. Must use both DIV and AP DIV tags (container/content) that are formatted by a style.
3. Must use a template for the page layout. You may use the prebuilt templates in Dreamweaver. The template must contain at least a header, content and footer DIV.

Week 4
1. Create a contact form to collect name/address information using script and email via the server an not using the Mailto: tag.
2. Contact form must contain the following form objects:
   a. First Name - mandatory entry textbox (validated by Spry).
   b. Last Name - mandatory entry textbox (validated by Spry).
   c. Address – mandatory entry textbox (validated by Spry).
   d. City - mandatory entry textbox (validated by Spry).
   e. State – dropdown list box option using Spry for at least 3 state abbreviations.
   f. Zip - mandatory entry textbox (validated by Spry).
   g. Phone Number – optional entry (validated by Spry for correct U.S. format).
   h. Email – mandatory entry textbox (validated by Spry for correct format).
   i. State - Dropdown field.
   j. Comments - Text Area.
   k. Submit and Reset buttons.
**Week 5**
For this week (no class on Thursday), we will be embedding a video into one of our pages. If you don't already have a video, you can select a YouTube video of your choice. The steps to do this are:

- connect into [www.youtube.com](http://www.youtube.com)
- search and select a video of your choice (try to find one that correlates to your site theme)
- Locate and click on the "Share" button below the YouTube video
- Locate and click on the "Embed" button to the left of the "Email" button.
- Copy the code that is highlighted in the box.
- Paste this code into the page and position where you want the video to appear.

**Week 6**

For this week we will be learning how to use a web form to write data to a table in a MySQL database on our hosted web server. The form is to collect customer information and will include the following fields (you can use the email form from the previous week but must be a separate form):

- First Name
- Last Name
- Address
- City
- State
- Zip
- Phone
- Email
- Comments

The form will call a php script using the following FORM ID:

```html
<form id="Submit" name="Submit" method="post" action="member_confirm.php">
```

The php file (member_confirm.php) will perform the following:

1. log into the MySQL database (calls the CONFIG.PHP script to do this)
2. write the record to the MySQL database (calls the RECORD_INSERT.PHP to do this)
3. echo back the data that was entered before writing the record data to the database.

The scripts to perform the above steps are as follows:

1. Create Web Form containing the required fields (see Week#5 Tuesday Night)
2. Create the PHP script to authenticate into the SQL database on the hosting server. **CONFIG.PHP**
3. Create the PHP script to insert a record into the SQL table. **RECORD_INSERT.PHP**
4. Create the form page that launches the above 2 scripts and then echos the form data into this page. **MEMBER_CONFIRM.PHP**

Next week we will learn how to create a form that will read a record from the MySQL database and display the field data in the same form.

If you can't purchase a good PHP reference book, the following link will serve next best:

- [PHP Reference for all commands](#)
Week 7
This week we will be continuing our efforts in working with PHP and MySQL. What I would like for you to build is an administrator menu that only the site owner can access. This will require a admin login page that will render an admin menu. The outline of the administrator area will be as follows:

ADMIN LOGIN PAGE
This page will require a login ID and password.
If successful login, proceed with opening the admin menu page
If not successful, display an error message and refresh the login in page.

ADMIN MENU
option #1 - list all records from sql table (row by row only)
option #2 - list all records based on a date range (row by row only)
option #3 - log off menu

When we come back to class on Tuesday, we will be working on the PHP code for the login page and the menu options #1 through #3.

If you have completed all your assignments up to this lesson, you may leave. If not, I need you to stay so we can get you caught up.

For this week we will be finishing up our lessons on using PHP with SQL for our website. Last week you were to create a login page that required both the Userid and Password fields in addition to a menu with 3 options. The login page will be for the owners of the site to display all of the SQL database in addition to selecting any one of the rendered records to show the full details. This consists of 6 separate PHP files.

1. PHP script for admin login
2. PHP script for admin menu
4. PHP script for list all records
5. PHP script to display records in a date range

Week 8
We will spend this week in catching up and preparing for the final.