

SADDLEBACK COLLEGE

BUSINESS SCIENCE DIVISION

COURSE SYLLABUS

CIMW 100B –WEB DEVELOPMENT: HTML - ADVANCED

Instructor: Carolyn Z. Gillay
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Semester: Spring 2018
3/26/2018 to May 23, 2018
Ticket number: 16050
Time and day: Internet Based

COURSE DESCRIPTION:

Continuation CIMW 100A. Introduces advanced concepts for creating web pages that enable the improved delivery of information over the Web. Students will create and use forms as well as style them with CSS & work with server-side processing to handle form data. Identifying skills, functions & job roles required for a successful web project development covered. Use & function of multimedia and interactivity, Java applets, Java scripts introduced. Overview of E-Commerce & web promotion will be introduced. Introduction to JavaScript will be presented including the Document Object Model, use of variables, operators & if statements and form validation. Students will construct web sites that use multimedia features such as sounds, video, and Java applets. Formerly CIM 271B

COURSE OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Demonstrate the ability to create forms.
2. Create and use CSS features to style forms as well as use server-side processing to handle form data.
3. Identify and describe skills, functions and job roles required for successful web project development.
4. Create Java applets and JavaScripts for use in a multimedia interactive web site.
5. Identify and describe the function and the purpose of E-Commerce.
6. Identify and describe E-commerce business models, issues, security and storefront solutions.
7. Identify, describe and use web promotion strategies.
8. Create a JavaScript that uses features such as variables, operators, and conditional statements.
9. Create and implement a JavaScript that uses objects, properties, and events, and use this JavaScript in dynamic web pages.

STUDENT RESOURCES:

Text: Felke-Morris, Terry; *Web Development and Design Foundations with HTML5, 8th Edition*; Pearson 2017 (ISBN: 978-0-13-432275-9) USB Flash disk if working in IMC.

BLACKBOARD:

Blackboard is the software tool you use to submit your homework, submit the project, take the quizzes, and participate in the Discussion Board assignments. You may access Blackboard, either from My Site or go directly to your browser. In your browser, you key in <https://saddleback.blackboard.com>. In both cases, you will be taken to the Blackboard site. You click Login. Your USERNAME is your email address up to the @ assigned as part of your Saddleback/Irvine Valley when you registered. User name example: jgonzales11. You must go to My Site and change your password, if you have not already done so. Only change the password, not the PIN number. The recommended convention for the password is your pin number and your initials - if my pin was 1234, I would make my password 1234cg or cg1234. The South Orange County Community College District has transitioned to Microsoft's [Live@Edu](#) system. This upgrade provides a single sign-in to My Site, Blackboard, Student Email, and the Information Management Center. For details, please go to <http://www.socccd.edu/studentemail>. In addition, the document labeled **Blackboard Basics**, located in Course Information, on Blackboard provides full instructions and suggestions for using Blackboard and email. You can get further assistance by visiting www.saddleback.edu then click the dropdown Online Education menu at the top of the screen and then clicking Student Technical Support.

EVALUATION: Your final grade in this course will be based on the following:

Assignments (Homework)				
Upload Index.html	50 points	A	550-495	90%
Hands-On Projects	180 points	B	494-440	80%
Quizzes	140 points	C	439-385	70%
Online Participation		D	384-360	60%
Discussion Board	50 points	F	359-0	59% and below
Email Assignments	30 points			
Final Exam (Website)	<u>100 points</u>			
	550 points			

All hands-on assignments and the final exam (project) are to be completed and published on the Server. (net.saddleback.edu).

ASSIGNMENTS (HOMEWORK): The hands-on assignments consist of index.html and selected Web Site activities at end of all the chapters except chapter 13. There is no web assignment for that chapter. You will do two of the case studies in each of these chapters – Java Jam Coffee House and Fish Creek Animal Hospital. The only assignment exception is chapter 10 – where you create a web page about hosting. Remember, these must be posted on net.saddleback.edu. And remember that for net.saddleback.edu – the password is your student id NOT your pin number. If you did not take CIMW100A, and since the homework assignments build on each other, rather than you starting with chapter 2 and creating all the files, the files up to Chapter 7 are available in Course Documents. These files are in a zip format so you need to unzip them to copy them into your computer.

QUIZZES: There will be an online quiz on each Chapter on Blackboard.

DISCUSSION BOARD (ONLINE PARTICIPATION): There are five discussion board assignments. The discussion board assignments are located on Blackboard. You may post general questions as well on Blackboard

EMAIL PARTICIPATION: There are two email assignments. The syllabi gives you the topic and question and you must send me an email answering the question. In the subject line, name the emails as Ticket number 16050 Chapter 10 Email and Ticket number 16050 Chapter 12 Email. Be sure to include your FULL name in the body of the email.

FINAL EXAM WEBSITE: Your final exam is a website that you develop. It must have the elements specified in the Final Exam (Website) document, located in Course Documents. Criteria will be completeness, look and feel and elements included. The Final Exam Website must be posted on net.saddleback.edu by Wednesday, May 23, 2018 by 11:30 PM.

COURSE COMPLETION: The last day to drop for a refund is Friday, March 30, 2018. The last day for a Pass/No Pass option is Wednesday, April 11, 2018. The drop date or withdrawing without a "W" is Wednesday, April 4, 2018. The last day to drop this class with a "W" is Wednesday, May 2, 2018. These options are handled through Admissions and Records and are the responsibility of the student. The instructor can handle none of these choices. If a student does not drop the course, and just stops attending, that student will receive an "F" in the course.

MY SITE: My Site is the Saddleback College Internet method to get your grades, your schedule and your email. Even if you have a personal email address, you should use your college email address. If I have announcements or other information, I will **ONLY** use your Saddleback/Irvine Valley email address. All students are given an email account when they register. If you are a returning student, your email address will not change..

EMAIL: You are welcome to email me as often as you like. It is imperative that you have a descriptive topic in the **Subject** line – use **CIMW 100B-Quiz 1** - and most important, include your **full name** and which class you are enrolled, i.e., **CIMW 100B - HTML** in the body of the message. I have many classes and many students and I want to be sure that I don't delete your email and also that I know which student is sending me the email. In addition, if you are asking about a homework assignment or a quiz, please tell me which chapter/homework assignment or quiz you are questioning.

ACADEMIC DISHONESTY: Plagiarism and cheating are serious offenses and may be punished by failure on exam, paper or project; failure in course; and/or expulsion from the College. For more information refer to the "Code of Conduct" policy in the Saddleback College Student Handbook (available online at <http://www.saddleback.edu/media/pdf/handbook.pdf>). For this class, it is permissible to assist classmates in general discussions of computing techniques and web page design and coding. General advice and interaction are encouraged. You may look at each other's web pages/web sites, and even look at other web pages/web sites available on the Internet for ideas and solutions to coding problems. However, you may not directly copy the code, specifically for the textbook assignments and your Final Exam project.

STUDENT SERVICES:

General Student Service Information is available at the Saddleback College Website. General, academic, and service information can be obtained by accessing the Counseling Division and Financial Aid Websites. Individual and small group counseling information such as academic planning and review of transcripts is available by appointment. All other student services are available on campus during normal business hours.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES:

This course meets the requirements set forth in the accessibility checklist and universal design grid provided by Special Services. The Web pages, video presentations, textbooks and class materials used in this course are accessible to students with disabilities. If you have questions on how to make accommodations please contact Special Services.

LRC Tutoring offers the following assistance:

- Drop-in Tutoring
- Tutoring by Appointment
- On-going Study Groups
- Exam Review Sessions
- Workshops on Study Skills Techniques and Discipline-Specific Topics
- Supplemental Instruction in English/Math/Science
- Skills Lab (Computer-based learning)

Additional Information about LRC Tutoring:

- Location: LRC 212 (second floor of the new LRC building)
- Phone: 949.582.4519
- Email: : sctutoring@saddleback.edu
- Website: <http://www.saddleback.edu/tutoring/>

SEMESTER SCHEDULE

Week-Date	Topic/Activity	Assignments - All hands-on Assignments to be posted to net.saddleback.edu. All Quizzes on Blackboard.
1 3/26	<p><u>DO/READ</u> Chapter 8, Tables, pp. 371-381</p> <p>Even if you took CIMW 100A <u>READ, DOWNLOAD AND USE B-Creating an Index Page</u>. This is the index.html page for this class. Do not use the one from CIMW 100A (In Blackboard, click Course Documents/Creating an Index Page/B_CreatingIndexPage.doc)</p> <p><u>If you did not take CIMW 100A – Read FTP Tutorials</u>. (In Blackboard, click Course Documents/FTP Tutorials)</p> <p>Also, remember you must use a text editor, not a word processor. In Windows, you can use Notepad although I find notepad ++ better. There are other choices. In Blackboard, click Course Documents/Text Editors or go to External Links.</p> <p><u>DUE BY 4/1:</u> Discussion Board 1.</p>	<p><u>Discussion Board 1:</u> If you are new to the class, please post a brief message introducing yourself to your classmates. Share a little about yourself and why you are taking this course. If you are continuing from CIMW 100A, post a message highlighting the best thing you learned from CIMW100A. (10 points)</p> <p>Be sure to create a document called index.html, based on the model in Creating an Index Page. You then place your file references from the Chapters in the index.html. Do not use the index.html from CIMW 100A.</p> <p>Although you can do the assignments on your computer, net.saddleback.edu is not available until the second day or so of class so you cannot post your assignments until then. I will send you an email and post an announcement when the server is up.</p> <p>Assignments from book - Chapter 8 <u>JavaJam Coffee House, pp. 391-392:</u> (15 points) <u>Fish Creek Animal Hospital, pp. 392-393:</u> (15 points)</p> <p>If you did not take CIMW100A, and since the homework assignments build on each other, rather than you starting with chapter 2 and creating all the files, the files up to Chapter 7 are available in Course Documents. These files are in a zip format so you need to unzip them to copy them into your computer.</p>
2 4/2	<p><u>DO/READ</u> Chapter 9, Forms, pp. 399-434.</p> <p>Note: remember that the index.html should be placed in the CIMW100B folder. For example, mine would be http://net.saddleback.edu/cgillay1/cimw100b</p> <p><u>DUE BY 4/8:</u> Discussion Board 2; Upload Index.html; Assignments for Chapter 8, Chapter 8 Quiz.</p>	<p><u>Take Online Quiz:</u> Chapter 8 (20 points)</p> <p>Upload your index.html to net.saddleback.edu (50 points)</p> <p>Upload Chapter 8 Assignments to net.saddleback.edu.</p> <p><u>Discussion Board 2:</u> Briefly describe what a form is and then list two purposes of using a form. (10 points)</p> <p>Assignments from book - Chapter 9 <u>JavaJam Coffee House, pp. 440-442:</u> (15 points) <u>Fish Creek Animal Hospital, pp. 442-444:</u> (15 points)</p>

3	<p>4/9 <u>DO/READ</u> Chapter 10, Web Development, pp. 451-468.</p> <p><u>DUE BY 4/15:</u> Assignments for Chapter 9; Chapter 9 quiz; Chapter 10 Email Assignment; Ticket number 16050 Chapter 10 Email</p>	<p><u>Take Online Quiz:</u> Chapter 9 (20 points)</p> <p>Upload Chapter 9 Assignments to net.saddleback.edu.</p> <p>Final Exam Website: Look at the requirements for the website in Course Documents/Final Exam Website. Begin planning your final exam website.</p> <p>Assignments from book - Chapter 10: Web Research: Problem 1, p. 471. Create a web page as indicated. (30 points). Do not print anything. I will see the results in Web Links.</p> <p><u>Email assignment:</u> On pages 451-453 of the text is a list the types of job available in this field. Select the job you think you would most like to follow professionally. Then, using a web site such as monster.com, research that job. In your answer, describe the quantity of jobs available, the skills and education desired for that position as well as salary opportunities. Then comment on whether or not you are still interested in your job choice or if your research pointed you to another position. (15 points).</p>
4	<p>4/16 <u>DO/READ</u> Chapter 11, Web Multimedia and Interactivity, pp. 473-507.</p> <p><u>DUE BY 4/22:</u> Assignment for Chapter 10; Chapter 10 quiz; Discussion Board 3.</p>	<p><u>Take Online Quiz:</u> Chapter 10 (20 points)</p> <p><u>Discussion Board 3:</u> Identify at least two pros and two cons to adding multimedia to a website. (10 points)</p> <p>Upload Chapter 10 Assignment to net.saddleback.edu.</p> <p>Assignments from book – Chapter 11: <u>JavaJam Coffee House, pp. 512-513:</u> (15 points) <u>Fish Creek Animal Hospital, pp. 513-514:</u> (15 points)</p>
5	<p>4/23 <u>DO/READ</u> Chapter 12, E-Commerce Overview, pp. 517-530.</p> <p><u>DUE BY 4/29:</u> Assignments for Chapter 11; Chapter 11 quiz; Ticket number 16050 Chapter 12 Email.</p>	<p><u>Take Online Quiz:</u> Chapter 11 (20 points)</p> <p>Upload Chapter 11 Assignments to net.saddleback.edu.</p> <p>Assignments from book - Chapter 12: <u>JavaJam Coffee House, pp. 534-537:</u> (15 points) <u>Fish Creek Animal Hospital, pp. 538-540:</u> (15 points)</p> <p>Email assignment: Define e-commerce and identify the benefits and risks of e-commerce. (15 points).</p>

6 4/30	<p><u>DO/READ</u> Chapter 13, Web Promotion, pp. 547-564</p> <p><u>DUE BY 5/6:</u> Discussion Board 4; Assignments for Chapter 12; Chapter 12 quiz.</p>	<p><u>Take Online Quiz:</u> Chapter 12 (20 points)</p> <p><u>Discussion Board 4:</u> Write three keywords and description meta tags for either Java Jam Coffee House OR Prime Properties. Then justify your choice of keywords. (10 points)</p> <p>Begin planning/work on your Final Exam Website</p> <p>Upload Chapter 12 Assignments to net.saddleback.edu.</p> <p>No hands on assignments for Chapter 13.</p>
7 5/7	<p><u>DO/READ</u> Chapter 14, A Brief Look at JavaScript and jQuery, pp. 571-616.</p> <p><u>DUE BY 5/13:</u> Chapter 13 quiz.</p>	<p><u>Take Online Quiz:</u> Chapter 13 (20 points)</p> <p>Assignments from book - Chapter 14: <u>JavaJam Coffee House, pp. 620-621:</u> (15 points) Do only option 1 not option 2. <u>Fish Creek Animal Hospital, pp. 622-624:</u> (15 points) Do only option 1 not option 2.</p>
8 5/14	<p>Complete Final Exam Website Upload Final Exam Website to net.saddleback.edu</p> <p><u>DUE BY 5/23:</u> Discussion Board 5; Assignments for Chapter 14; Chapter 14 quiz; Final Exam Website</p>	<p><u>Take Online Quiz:</u> Chapter 14 (20 points)</p> <p>Upload Chapter 14 Assignments to net.saddleback.edu</p> <p>Discussion Board 5: JavaScript allows decision making or flow control with the use of if, if...else statements and so on. What is the purpose of these statements and why or why not are they valuable? (10 points)</p> <p>Complete and upload the final exam – your website.</p> <p>All assignments must be completed no later than 11:30 PM, Wednesday, May 23, 2018.</p> <p>The Final Exam Website must be posted on net.saddleback.edu no later than 11:30 PM, Wednesday, May 23, 2018.</p>