

Richland College
School of Engineering, Business, and Technology
972-238-6210

Course and Section Number:

IMED-1316-81701: Web Design I
IMED-1016-81001: Web Design I
(cross-listed with IMED-2315-81701 and ITSE-1311-81701)

Semester:

Fall 2017 Wednesday Night Flex Term Classes: 8/30/17 - 12/6/17

Credit Hours:

3 credit hours

Class Meeting Days and Times:

Wednesdays
05:40PM - 09:30PM

Room:

T248

Instructor Information:

Instructor's name: Jim Link
E-mail address: jjlink@dcccd.edu
Richland phone: 972-238-6140 (ACCESS Office) - leave message
Office and Mail Box Location: A110 - ACCESS Office

Prerequisite:

None

Course Description:

Instruction in web design and related graphic design issues including mark-up languages, web sites, and browsers.

End-of-Course Outcomes:

Identify how the Internet functions with specific attention to the World Wide Web and file transfer; apply design techniques in the creation and optimization of graphics and other embedded elements; demonstrate the use of World Wide Web Consortium (W3C) formatting and layout standards; and design, create, test, and maintain a web site.

SCANS Skills:

The Secretary's Commission on Achieving Necessary Skills (SCANS) was appointed by the Secretary of Labor to determine the skills people need to succeed in the world of work. Richland College is determined to prepare you with the knowledge and skills you need to succeed in today's dynamic work environment. Towards this goal, these workplace competencies and foundation skills have been designed into the curriculum for this course:

- Reading - *locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules*
- Integrity and Honesty - *choose ethical courses of action*
- Acquire and Evaluate Information
- Organize and Maintain Information
- Interpret and Communicate Information

- Understands Systems - *knows how social, organizational, and technological systems work and operates effectively with them*
- Monitor and Correct Performance - *distinguish trends, predict impacts on system operations, diagnose deviations in systems' performance and correct malfunctions*
- Improve or Design Systems - *suggest modifications to existing systems and develop new or alternative systems to improve performance*

Required Lab Hours:

Students are required to spend at least **2** extra hour(s) per week outside of class working on student projects.

This course contains lecture and lab components, both held during the posted class times. Students may need to put in additional time in the Multimedia Learning Center to complete assignments.**

**Students may also complete their work at home if they have their own computer and an Internet connection. Either a PC, Mac, or laptop will be a sufficient machine.

Multimedia Learning Center Information and Hours of Operation:

The Multimedia Learning Center (972-238-6001) is located in Thunderduck Hall, T246 and is for **all currently enrolled** Multimedia and Game students **to use for Multimedia and Game class work and projects.**

Lab assistants and faculty are usually in the lab to answer questions, however multimedia tutoring is not available in the lab.

For the current lab hours, go to <https://richlandcollege.edu/ebt/multimedia/lab-info/> and go to the bottom of the page.

The other campus computer lab for credit student use is Del Rio, D229.

All Multimedia (credit and continuing education) students must show a Student ID Card to use the lab and check out any equipment. IDs are available at the Office of Student Life in El Paso Hall, E040.

Textbooks:

Required Books:

HTML and CSS: Design and Build Websites
by Jon Duckett
John Wiley & Sons
1st edition
November 8, 2011
978-1118008188

AND

JavaScript and JQuery: Interactive Front-End Web Development
by Jon Duckett
John Wiley & Sons
1st edition
June 30, 2014)
978-1118531648

AND

The Joy of PHP: A Beginner's Guide to Programming Interactive Web Applications with PHP and MySQL
by Alan Forbes
CreateSpace Independent Publishing Platform
3rd edition

Supplies:

Required Supplies for all Courses: headphones and some kind of external storage: jump drives, external hard drives, blank CD-Rs/DVDs or cloud storage like Dropbox.

You will need some means of storing and backing up the digital files for your assignments. Multiple locations for storage and backup are always preferable to only one storage location. You should consider using **several** of these types of storage:

- A local directory on your home or laptop computer, if you have a computer.
- A portable electronic storage device such as a USB jump drive or a portable hard drive.
- An online storage service such as [Dropbox](#).
- An online backup service such as [iDrive.com](#).

Course Outline:

- Class Introduction and Introduction to HTML (index page)
- Cascading Style Sheets (CSS)
- Text formatting, and Images
- GIMP (GNU Image Manipulation Program) Introduction
- Links
- CSS Positioning
- Headings and Lists
- HTML5 and CSS3
- Design Points
- Tables
- Forms
- Multimedia
- Image Maps
- Updating a Web Site
- Good Things To Know, and Promoting Your Site

Grading Procedure:

Grading Legend:

- A = 90 - 100
- B = 80 - 89
- C = 70 - 79
- D = 60 - 69
- F = 0 – 59

Points Breakdown: Weekly Assignments are worth 100 points each. Your final grade is the TOTAL of all of your assignment points added together, DIVIDED BY the number of assignments. In other words, your final grade is the AVERAGE of your assignment grades.

There is NO final exam for this course. We will meet for class during Final Exam week, however.

PLEASE NOTE! Grade reports are no longer mailed. Convenient access is available online or by telephone. Use your student identification number when you log in to eConnect or call Touch Tone Services. Web Site address: <http://econnect.dcccd.edu> Telephone number: 972-613-1818.

Academic Calendar:

2017 Fall Wednesday Evening Flex Term Classes Multimedia/Game Calendar

August 30, 2017 – December 6, 2017

Wednesday Evening Flex Term only.

NOTE: Regular classes and Saturday only courses have different calendars.

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|---------------------------------------|---|
| August 26 (Sa) | First Saturday the Multimedia Lab will be open. |
| August 30 (W) | Wednesday Evening Classes Begin |
| September 4 (M) | Labor Day Holiday - <i>campus closed, including lab.</i> |
| September 12 (T) | 12th Class Day for Wednesday Evening classes. Last day to drop a course without receiving a "W" grade on transcript. |
| November 9 (R) | Last Day for Wednesday Evening Only classes to withdraw with a grade of "W". |
| November 23 (R) - November 26 (Su) | Thanksgiving Holiday - <i>campus closed, including lab.</i> |
| December 2 (Sa) | Last Saturday lab is open for the semester. |
| December 6 (W) | Final Exam Day for Wednesday Evening Only classes. |
| December 7 (R) | Semester Ends. Last day lab is open for the semester. Lab will reopen the first day of the next semester. |

Drop Date:

September 12 (T) is the last day to drop from this course without receiving an automatic "W" and without the course reflecting on your transcript.

Withdrawal Date:

November 9 (R) is the last day to withdraw from this course with an automatic "W".

Institutional Policies:

Institutional Policies relating to this course can be accessed from the following link:

www.richlandcollege.edu/syllabipolicies

Classroom Policies:

Please read the following classroom policies listed below.

Attendance Policy:

In order to be successful, students must attend and participate in enrolled courses.

While Richland College does not have a formal attendance policy, students are expected to attend class regularly. If you know you will be missing classes this semester, please speak to your instructor about days you will be missing so you can receive information on the missed lessons and assignments.

If you are unable to attend class, please email the instructor or leave a message for the instructor at the ACCESS Office at (972) 238-6140 BEFORE THE CLASS BEGINS.

It is imperative students arrive to class on time and remain in class the entire session each week.

Food and Drink Policy:

Except where otherwise determined by a faculty member, no eating or drinking is allowed in the classroom.

Web Server Posting Policy:

The Richland Student Web Server is open to all users of the World Wide Web. Any information students or instructors place in their files is readable by any user of the World Wide Web.

Computer/Internet Use Policy:

Currently enrolled Richland College Multimedia and Game students have access to the Multimedia Lab and classroom computers **for Multimedia/Game educational and instructional purposes only**. Please use the Del Rio Computer Lab (D229) for other school-related assignments and non-Multimedia activities.

Students using their own laptops must use the wireless connection in the Thunderduck Hall building and cannot use the Multimedia lab and classroom computer data lines to access the Internet.

You are required to show your Richland Student ID when requested by lab personnel. You are expected to follow lab policies as well as the [Student Code of Conduct](#) specified in the catalog. If the link does not work for you (ie: you have a hard copy of the syllabus), copy/type this url into your browser window:
<http://www.richlandcollege.edu/conduct/>

Safety Policy:

Students should participate in this class in a safe, appropriate manner. We occasionally have to step over cords for the multimedia cart and/or computer equipment. We also need to watch out for boxes and paper, students' backpacks, etc. Students should begin to build good computing habits, designed to prevent eyestrain, carpal tunnel syndrome, etc.

Handheld Devices Policy:

Please **turn OFF** all electronic devices during class.

Participation Policy:

Course participation is required. Ask questions and be involved with the lesson.

Students should not surf the Net, play games, send emails or work on unrelated homework/projects during class. Students should not disturb your neighbors during lectures and demos.

End of Each Class Policy (for face-to-face classes):

When you leave class for the day, please...

1. Delete all your files from your workstation and empty the trash.
2. Shut down your computer using Windows Shut Down.
3. Turn off your monitor after computer has COMPLETELY shut down.
4. Pick up and throw away any trash around your seat.

Attention Continuing Education Students:

To receive a certificate for this course, you must make a grade of "C" or higher as a final grade. A grade average of 69% or lower is failing.

Continuing Education will not mail your certificate to you. If you do not receive your certificate the last day of class you will have to pick up your certificate at the Continuing Education Front Desk, T160.

Multimedia and Game Web Sites:

<http://www.richlandcollege.edu/multimedia>

<http://www.richlandcollege.edu/game/>

The Multimedia Learning Center is part of the Richland College School of Engineering, Business and Technology. Office: Bonham 101 • Phone: 972.238.6210.

Disclaimer reserving right to change syllabus:

The instructor reserves the right to amend this syllabus as necessary.

Student Acknowledgement:

Please open the class site at <http://www.mmlab2.rlc.dcccd.edu/faculty/link/IMED1316/index.html> in your browser. Click on the "e-Handouts and Assignments" main menu item. Click on Assignment A, "Syllabus Acknowledgment". Follow the instructions there to send me an acknowledgment e-mail.
