

Syllabus for CIS 195, Web Authoring 1: HTML

Winter 2018

Course Number	CIS 195
CRN	32522 & 32523
Classroom	Building 19, Room 120 & online
Credits	3
Start Date	January 8, 2018
End Date	March 20, 2018

Instructor	Brian Bird
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Office	Building 19, Room 152
Office Phone	541-463-3024 (e-mail is better)
Office Hours	M, W 2:00 – 3:00
Lab Hours	Tu, Th 2:30 – 4:30

Course Description

This course provides students with little computer experience with the concepts and skills necessary to create static web pages using the newest version of **Hyper Text Markup Language, HTML**, and **Cascading Style Sheets (CSS)**. Through hands-on practice students will master the concepts, tools and skills needed to construct web pages and to post pages on the internet.

Learning Outcome

The intention of the course is to enable you to create and maintain static pages that are part of any web site using modern technologies and tools.

Course Content

Technologies

HTML5	Code Editors – for creating HTML and CSS files (like Visual Studio Code)
CSS3	FTP clients – for uploading files to a server (like FileZilla)

Themes and Issues

Internet	HTTP	FTP
Markup languages	HTML	Hyperlinks
HTML Tables	Images	HTML and CSS validation
HTML Forms	Multi-media	Styles

Skills

Explain the development of HTML and demonstrate understanding of web page tags, anatomy, formatting as well as use of logical and physical tags.
Effectively use: structural elements, anchor tags, relative and absolute links, e-mail links, tables, colors, horizontal rules, image tags, background images, image hyperlinks, forms and form tags, form elements and element groups, custom buttons.
Use cascading style sheet technology (CSS) to configure common page and text properties as well as for positioning of elements on a web page.
Use an html validator and a CSS validator to ensure the correctness of web pages.
Use an FTP client to upload and manage files on a web server.
Discuss concepts, themes and issues orally and in writing.
Evaluate your own web site implementation work. Evaluate the web site implementation work of other students and provide constructive feedback orally and in writing.
Respond appropriately to and assimilate feedback provided by other students and your instructor.

Learning Resources

Texts

The first 8 chapters in *HTML, CSS and Dynamic HTML: Comprehensive (Fifth Edition)* by Patrick Carey is the text for the course. You can purchase the complete edition from the LCC bookstore or an online retailer (ISBN: 9781-111-52643-6).

Supplemental Materials

The text does not contain information about Visual Studio Code, FileZilla, html validation, CSS validation and/or debugging tools available in Firefox and other modern browsers. These are the software tools that you will use to create your web pages and upload them to your web site. Information on these tools is available from their respective web sites.

Software

The hardware and software required for the course is available to all students in the CIT Main Lab on campus. You paid a fee when you registered for this course that provides you with unlimited access to CIT lab facilities.

If you plan to do lab work somewhere other than in class or in the CIT Main Lab, you will need:

- Word processing software such as [MS Office](#), [OpenOffice.org](#) or [GoogleDocs](#) for viewing and editing office documents
- A code (text) editor to create your web pages. [Visual Studio Code](#) is a free editor that can be downloaded via the internet and used on Windows, OS X (Mac) or Linux. Alternatively, you can use [TextWrangler](#) on OS X, or [Notepad++](#) on Windows.
- At least two modern browsers to view/test your web pages. The latest versions of [Chrome](#), and [Firefox](#) can be downloaded via the internet. Many other browsers like Safari, Internet Explorer, and Edge, are also suitable for your use in this class.
- An ftp client to upload your web pages to citstudent.lanecc.edu. [FileZilla](#) is a free ftp client that can be downloaded via the internet and used on Windows, OS X, or Linux. Alternatively, you can use [CyberDuck](#) on OS X or [CoreFTP](#) on Windows.

LCC has a subscription to [Microsoft Imagine](#) (formerly Microsoft Dream Spark) which provides students with free software. Your instructor will provide you with an opportunity to enroll in Imagine. None of the software offered through Imagine is required for this class, but you may want to take advantage of the offer of free software.

CIT Computer Lab

The CIT Main lab (Bldg. 19, room 135) is equipped with computers which are available exclusively for students in the CIT department. There are tutors available in the lab to help you with your lab work. There is a schedule is posted on the large white board inside the lab which lists the tutors and the times they will be available.

Web Sites

- [classes.lanecc.edu](#) (Moodle) will be used as the Learning Management System for this course. All course materials and activities will be managed through this site.
- citstudent.lanecc.edu will be used to host student web sites. You will be provided with the login information you need to upload your pages to this server.

Assessment and Grading

Specific grading criteria will be applied to each of the labs, quizzes, and exams you will be working on in this class. Part of the lab involves a code review. Attendance is not graded.

The table below summarizes the grade distribution for each of the assessment tasks:

<i>Assessment Activities</i>	<i>Points</i>
Labs 1-7, a total of 50 points each:	350
Code Reviews, 10 points each	70
Reading Quizzes 1-7, 10 points each	70
Midterm and Final Exams, 125 points each	250
Project	260
<i>Course Total</i>	1000

Code Reviews

Students will work in class, in groups of two or three, to review the *beta* version of each other's lab assignment solutions. The reviewers will evaluate coding practices as well as the functionality of each software solution. Students will use input from the code review to revise their code prior to submitting the *release* version of their software solution.

Letter grades for the course will be determined by the following percentages:

	-		+
<i>A</i>	90 - 91	92 - 97	98 - 100
<i>B</i>	80 - 81	82 - 87	88 - 89
<i>C</i>	70 - 71	72 - 77	78 - 79
<i>D</i>	60 - 61	62 - 67	68 - 69
<i>F</i>	Below 60		

Late Work

- The grade for assignments submitted after the due date will be reduced by 10%.
- Quizzes and exams cannot be taken after the due date. Plan ahead!
Exceptions will only be made for severe illness or emergency situations.

Weekly Learning Activities

Tuesday

- Complete a review of last week's lab work for your lab partner

Thursday

- Finish this week's reading and take the reading quiz
- Submit the production (final) version of your lab work from last week and the completed review form for your lab work

Saturday

- Post the beta (draft) version of your lab work for this week

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Tentative Course Schedule

<i>Week</i>	<i>Topics</i>		<i>Reading</i>	<i>Activities</i>
1	<ul style="list-style-type: none"> • Syntax of HTML tags and attributes • Structural elements, line breaks • Unordered and ordered lists 	<ul style="list-style-type: none"> • Text formatting (bold, italic, etc.) • Images 	Start reading Tutorial 1	Reading quiz 1 Lab 1: <ul style="list-style-type: none"> • Oregon Overview • Personal Bio
2	<ul style="list-style-type: none"> • History of the Internet, the Web, and HTML • Semantic elements • CSS 	<ul style="list-style-type: none"> • JavaScript • Special characters • Using a code editor • Using a HTML validator 	Tutorial 1, pages 1 – 60	Reading quiz 2, covers Tutorial 1 Lab 2: <ul style="list-style-type: none"> • Tutorial 1– J-Prop Shop • Case problem 3 – desertWEB
3	Developing a Web Site		Tutorial 2, pgs. 71 – 124	Reading Quiz 3, covers Tutorial 2 Lab 3: <ul style="list-style-type: none"> • Tutorial 2 and Review – CAMshots • Case problem 1 – HigherEd
4	CSS Page Design		Tutorial 3, pgs. 137 – 210	Reading Quiz 4, covers Tutorial 3 Lab 4: <ul style="list-style-type: none"> • Tutorial 3 and Review – Sunny Acres • A: Case 1 – Intl. Cryptographic Inst.
5	<ul style="list-style-type: none"> • FTP • Publishing a web site 	<ul style="list-style-type: none"> • Midterm 		<i>No lab assignment this week</i> Midterm Term project proposal

6	CSS Page Layout	Tutorial 4, pgs. 221 - 303	Reading Quiz 5, covers Tutorial 4 Lab 5: <ul style="list-style-type: none"> • Tutorial 4 and Review – Cycle Pathology • Case 1 – Lincoln’s 2nd Inaugural
7	HTML Tables	Tutorial 5, pgs. 317 – 377	Reading Quiz 6, covers Tutorial 5 Lab 6: <ul style="list-style-type: none"> • Tutorial 5 (KPAF Radio) and Review • Case 1 – The Japanese Puzzle Factory
8	Web Forms	Tutorial 6, pgs. 393 – 470	Reading Quiz 7, covers Tutorial 6 Lab 7: <ul style="list-style-type: none"> • Tutorial 6 (Red Ball Pizza) and Review • Case 1 – Sblogger
9	Multimedia Web Sites	Tutorial 7, pgs. 483 – 536	Reading Quiz 8, covers Tutorial 7 Lab 8: <ul style="list-style-type: none"> • Tutorial 7 and Review • A: Case 1 – American Poetry 121
10	Review		<i>No new lab assignment</i> Code review of term project Term Project
11	Finals Week		Final Exam

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Academic Honesty

While students are encouraged to discuss labs and to use each other as resources, each student is responsible for his/her own work. In other words, you can help each other, but you can't copy any part of someone else's work. The end product must be each student's own individual work.

Attendance

Class attendance is not graded but will be essential for successful completion of the class. Students who miss a class are responsible for obtaining the course content provided in class and mastering it.

Academic Calendar for Winter Term 2018

Term begins	1/8/18
Last day to receive refund	1/14/18
Martin Luther King Jr. holiday – college closed	1/15/18
Presidents Day holiday – college closed	2/19/18
Last day for schedule changes	3/2/18
Finals week	3/19/18 – 3/24/18

Accessibility and Accommodations:

If you need support or assistance because of a disability, you may be eligible for academic accommodations through Disability Services. For more information, contact Disability Services at 463-5150 (voice) or 463-3079 (TTY), or stop by building 1, room 218.

Please be aware that any accessible tables and chairs in this room should remain available for authorized students who find that standard classroom seating is not usable.