

Course Syllabus

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CIS 241 - Web Development I

COURSE INFORMATION

- Quarter: Fall, 2019
- Credits: 5
- Course Mode: Online Course
- Course Description: Website development using HTML5, approached from a source code perspective. Covers tags, forms, linked objects, CSS3, frames, tables, and introduction to the use of scripting. Students build multi-page websites using Git and GitHub.
- Prerequisites: CIS 100 or equivalent experience.

INSTRUCTOR INFORMATION

- Instructor Name: Louis HO
- Office Hours: 1pm - 4pm Tuesday, Thursday (Alderwood Hall 235A)
- 4pm - 6pm Tuesday, Thursday (Snohomish Hall 124)
- Office Location: Alderwood Hall 235A
- Phone: 425-640-1308
- Email: louis.ho@email.edcc.edu
- Best Way to Contact: Edmonds CC email.

COURSE MATERIALS

- Textbook
 - Title: CIW: Site Development Associate
 - Edition: 1D0-61B-v2.2
 - Author: CIW
 - Publisher: CIW
 - Date of Publication: 2019
 - ISBN number: 9780742338890
- Required and/or Optional Materials: You must have regular and timely access to a computer with an internet connection.
- **Computer Resources** (<http://students.edcc.edu/acs/facilities.html>): Computers are available in a wide variety of locations across campus. The campus also has a wireless network available for students. See computer facilities (full URL: <http://students.edcc.edu/acs/facilities.html>) for a complete list of locations and resources, and see START at www.edcc.edu/online/start for student technical assistance.

LEARNING OBJECTIVES

- **Course-level Learning Objectives (CLOs).**

1. Perform content design and technical analysis on web applications and websites.
2. Use HTML5 to develop, debug, maintain, and document web applications and websites.
3. Compare and contrast different browsers' effects on HTML5 documents.
4. Use the basic principles of web documents.
5. Use HTML5 forms, iframes, and tables.
6. Create HTML5 style through inline, embedded, and Cascading Style Sheets.

- **Certificate and Degree (Program-level) Learning Outcomes (PLOs).** • This course is part of Computer Information Systems - Web Application and Cloud Developer Associate of Technical Arts Degree, and assesses student achievement of these specific outcomes:

- Communication Skills (minimum 5 credits)
 - OUTCOME: Communicate and interact effectively through a variety of methods appropriate to audience, context, purpose, and field/discipline.
- Human Relations and Professional Development Skills (6-7 credits)
 - OUTCOME: Act responsibly in applying professional and academic standards associated with personal wellness; sustainable management of resources; and/or with success in educational, workplace, community, and team settings.
- Quantitative Analysis/Symbolic Reasoning Skills (minimum 5 credits)
 - OUTCOME: Reason clearly using academic or professional modes of inquiry; using quantitative or symbolic reasoning; and/or using other discipline/field specific methods to explore and create ideas; identify information needs; process, evaluate, and use information; and recognize, analyze, and solve problems.
- Cultural Diversity Skills
 - OUTCOME: Explore and apply multiple perspectives in order to examine cultural differences and influences; maintain effective professional/working relationships; and/or interact effectively in multicultural settings.
- Program Requirements (75 credits)
 - OUTCOMES:

1. Build and maintain websites.
2. Research, assess, and appropriately apply updated emerging technology to support websites as needed in industry.
3. Work with management, development teams, or stakeholders to create websites.
4. Comply with the ethics related to the use of copyrighted materials and intellectual property rights.
5. Demonstrate an entrepreneurial approach to website/page development.
6. Describe, create, and implement databases technologies relative to website development and maintenance.
7. Analyze, implement, and apply the systems development lifecycle (SDLC) methods and tools to meet the website development needs of a business.

COURSE MODE

- This is an online course. Classroom time is replaced by content and activities that take place in a managed online classroom (eLearning class). However, the contact hours are flexible and assignments and communication can take place at home or any place with a computer and Internet access. For more information about taking an online class, visit [eLearning at EdCC](http://www.edcc.edu/elearning/default.html) (<http://www.edcc.edu/elearning/default.html>) (full URL: <http://www.edcc.edu/elearning/>).

ASSIGNMENTS AND GRADING

- **Assessment Criteria and Grading Policies.** Point Distribution: labs (100), quizzes (100), discussions (100), activities (100), projects (200), exams (400). Total points (1000). Rubrics for the assignments are specified in Canvas. See the Grade Table below for the grade point equivalents.
- **Attendance Policy.** Because this is an online course, your "class participation" is your daily activities in Canvas. You should check in on the course at least 3 times a week, to be sure that you don't miss any important announcements or information.
- **Make-up or Late Work.** Projects/assignments are due on the date indicated in Canvas. Projects/assignments received late will be marked 50% off if the assignment is not submitted by the stated date on the calendar. After the second week, no late assignment will be accepted. The final project will not be accepted late. No assignments will be accepted after the last class meeting of the quarter. No make-up tests or quizzes will be given unless prearranged. Prearranged is defined as: notifying the instructor of the inability to take the test or quiz before the scheduled time of the test or quiz. You must make up the missed test or quiz within an agreed upon amount of time, no more than one week.
- **Policy on V and I Grades.** These can be found in the [online college catalog](http://catalog.edcc.edu/) (full URL: <http://catalog.edcc.edu> <http://catalog.edcc.edu/>) on the Academic Requirements page, under Student Grades.
- **Policy on S, U, and N Grades.** These can be found in the [online college catalog](http://catalog.edcc.edu/) (full URL: <http://catalog.edcc.edu> <http://catalog.edcc.edu/>) on the Academic Requirements page, under Student Grades.
- **Plagiarism Reference.** [Reference Information](http://employees.edcc.edu/syllabus/plagiarism-overview.html) (full URL: [/syllabus/plagiarism-overview.html](http://employees.edcc.edu/syllabus/plagiarism-overview.html) <http://employees.edcc.edu/syllabus/plagiarism-overview.html>).
- **Institutional Withdrawal Policy.** Please see [Instructor-Institutional Withdrawal Policy](http://www.edcc.edu/es/register/drop-policy.html) (full URL: <http://www.edcc.edu/es/register/drop-policy.html>)
- Please see the **Student Rights, Freedoms and Responsibilities** in the Edmonds CC online academic catalog: [Edmonds Community College Policies](http://catalog.edcc.edu/content.php?catoid=23&navoid=6810) (full URL: <http://catalog.edcc.edu/content.php?catoid=23&navoid=6810> <http://catalog.edcc.edu/content.php?catoid=23&navoid=6810>).
- **GRADE TABLE**

Grade Points for Percentage of Points earned Letter Grade Equivalency

4.0=95%	2.9=84%	1.8=73%	A = 4.0 - 3.9
3.9=94%	2.8=83%	1.7=72%	A- = 3.8 - 3.5
3.8=93%	2.7=82%	1.6=71%	B+ = 3.4 - 3.2
3.7=92%	2.6=81%	1.5=70%	B = 3.1 - 2.9
3.6=91%	2.5=80%	1.4=69%	B- = 2.8 - 2.5
3.5=90%	2.4=79%	1.4=68%	C+ = 2.4 - 2.2
3.4=89%	2.3=78%	1.4=67%	C = 2.1 - 1.9
3.3=88%	2.2=77%	1.3=66%	C- = 1.8 - 1.5
3.2=87%	2.1=76%	1.2=65%	D+ = 1.4 - 1.2
3.1=86%	2.0=75%	1.1=64%	D = 1.1 – 1.0
3.0=85%	1.9=74%	1.0=63%	F = 0.0

STATEMENT ON ACADEMIC INTEGRITY

Edmonds CC students shall demonstrate Academic Integrity. I am expected to report all violations of Academic Integrity (cheating and plagiarism) to the College. The College's database of such incidents will be monitored by the Office of the Vice President for Student Services. Data will be maintained for three years. Evidence of repeat incidents will result in additional action by the Office of the Vice President for Student Services as governed by the Student Code of Conduct. In this class, cheating and plagiarism will result in an assignment or grade penalty ranging from "0" on an assignment to an "F" in the course.

FINAL PROJECT AND LAST MEETING OF CLASS

- The final project will be due on WEEK TWELVE, Dec 9, 2019, Monday.

SERVICES FOR STUDENTS WITH DISABILITIES

If you require an accommodation for a disability, please contact Services for Students w Disabilities at MLT 159, 425.640.1320 or ssdmail@edcc.edu.

ACCOMMODATIONS FOR RELIGION / CONSCIENCE:

Students who will be absent from course activities due to reasons of faith or conscience may seek reasonable accommodations so that grades are not impacted. Such requests must be made within the first two weeks of the quarter and should follow the procedures listed in the college's Absence for Reasons of Faith or Conscience policy (SS 8.01Pr).

COURSE EXPECTATIONS

- Students:
 - Submit all assignments online by the due dates specified in Canvas.
 - Send all assignments online in Canvas.
 - Ensure your name is on your assignment at the top of the first page.
 - Check the eLearning course site at least every 24 hours.
- Instructor:
 - I will return email messages within 24 hours, usually much sooner.
 - I will grade and return all assignments within seven days.
 - I will monitor the discussion board on a daily basis.
 - I will post all grades and points on the eLearning course student grade book.
- Successful completion of student responsibilities in this class requires online access to Canvas. You are expected to log in to your online classroom at least 3 times per week for a minimum of 2 hours.

Instructions for access to [Canvas and student technical support](http://www.edcc.edu/elearning/default.html)

(<http://www.edcc.edu/elearning/default.html>) (full URL: <http://www.edcc.edu/elearning>
(<http://www.edcc.edu/elearning/>)).

STUDENT RESOURCES

Useful Student Resources (<http://students.edcc.edu/default.html>) (full URL: <http://www.edcc.edu/students> (<http://www.edcc.edu/students/>)).

Academic Calendar (<http://www.edcc.edu/calendar/academic.html>) (full URL: <http://www.edcc.edu/calendar/academic.html> (<http://www.edcc.edu/calendar/academic.html>)).

Advising (<http://www.edcc.edu/getting-started/advising/default.html>) (full URL: <http://www.edcc.edu/advising> (<http://www.edcc.edu/advising/>)).

Center for Student Engagement and Leadership (<http://students.edcc.edu/csel/default.html>) (full URL: <http://www.edcc.edu/csel> (<http://www.edcc.edu/csel/>)).

College Policies and Procedures (<http://catalog.edcc.edu/content.php?catoid=23&navoid=6810>) (full URL: <http://catalog.edcc.edu/content.php?catoid=23&navoid=6810>
(<http://catalog.edcc.edu/content.php?catoid=23&navoid=6810>)).

Counseling and Resource Center (<http://www.edcc.edu/counseling/default.html>) (full URL: <http://www.edcc.edu/counseling> (<http://www.edcc.edu/counseling/>)).

Diversity Student Center [_\(http://www.edcc.edu/dsc/default.html\)_](http://www.edcc.edu/dsc/default.html) (full URL: <http://www.edcc.edu/dsc> [\(http://www.edcc.edu/dsc/\)_](http://www.edcc.edu/dsc/))

eLearning Information [_\(http://www.edcc.edu/elearning/default.html\)_](http://www.edcc.edu/elearning/default.html) (full URL: <http://www.edcc.edu/elearning> [_\(http://www.edcc.edu/elearning/\)_](http://www.edcc.edu/elearning/))

Enrollment Services [_\(http://www.edcc.edu/es/default.html\)_](http://www.edcc.edu/es/default.html) (full URL: <http://www.edcc.edu/es> [\(http://www.edcc.edu/es/\)_](http://www.edcc.edu/es/))

Library, including online resources [_\(http://www.edcc.edu/library/default.html\)_](http://www.edcc.edu/library/default.html) (full URL: <http://www.edcc.edu/library> [_\(http://www.edcc.edu/library/\)_](http://www.edcc.edu/library/))

Services for Students with Disabilities [_\(http://students.edcc.edu/ssd/default.html\)_](http://students.edcc.edu/ssd/default.html) (full URL: <http://www.edcc.edu/ssd> [_\(http://www.edcc.edu/ssd/\)_](http://www.edcc.edu/ssd/))

Student Printing Information [_\(http://students.edcc.edu/acs/printing/default.html\)_](http://students.edcc.edu/acs/printing/default.html) (full URL: <http://students.edcc.edu/acs/printing> [_\(http://students.edcc.edu/acs/printing/\)_](http://students.edcc.edu/acs/printing/))

Student Support Resources [_\(http://students.edcc.edu/support/default.html\)_](http://students.edcc.edu/support/default.html) (full URL: <http://www.edcc.edu/support> [_\(http://www.edcc.edu/support/\)_](http://www.edcc.edu/support/))

TRIO [_\(http://www.edcc.edu/trio/default.html\)_](http://www.edcc.edu/trio/default.html) (full URL: <http://www.edcc.edu/trio> [\(http://www.edcc.edu/trio/\)_](http://www.edcc.edu/trio/))

Title IX and Gender Discrimination (full URL: <http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html> [_\(http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html\)_](http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html))

Emergency Preparedness














The **Triton Alert System** [_\(http://www.edcc.edu/alert/triton/\)_](http://www.edcc.edu/alert/triton/) (full URL: <http://www.edcc.edu/alert/triton> [\(http://www.edcc.edu/alert/triton/\)_](http://www.edcc.edu/alert/triton/)) will be used to send notifications regarding campus closures, emergency situations, or evacuation orders in the event of an emergency or inclement weather. Edmonds CC students and employees are automatically enrolled to receive Triton Alerts through their college email addresses. Sign up to receive text and voice messages on your mobile or home phones and/or additional email notifications to personal email addresses.













If inclement weather prevents me from getting to campus (and the college is open), I will leave an announcement in our eLearning class. I will try to get this information to you as early as possible so you don't come to campus and find that the class has been canceled. However, be sure to check the college's website to see if the college is closed and all classes are canceled.















Important Dates
















Edmonds CC Academic Calendar: <http://www.edcc.edu/calendar/academic.html>
<http://www.edcc.edu/calendar/academic.html>).

Course Summary:

Date	Details
Mon Sep 30, 2019	 Week 1 - Introduce Yourself due by 11:59pm
	 Site Development Associate Pre-assessment Survey due by 11:59pm
Fri Oct 4, 2019	 Login to CIW curriculum and link to your Instructor due by 11:59pm
	 Site Development Associate Pre-assessment due by 11:59pm
	 Activity 1-1: Defining Web page authoring terms due by 11:59pm
	 Discussion -- Lesson 1 Markup Language and Site Development Essentials due by 11:59pm
Mon Oct 7, 2019	 HTML Editor Assignment due by 11:59pm
	 Review Quiz : Lesson 1 Markup Language and Site Development Essentials due by 11:59pm
	 Activity 2-1: Identifying HTML elements and attributes due by 11:59pm
	 Discussion -- Lesson 2 HTML5 Coding due by 11:59pm
Mon Oct 14, 2019	 Review Quiz : Lesson 2 HTML5 Coding due by 11:59pm
	 Site Structure Assignment due by 11:59pm
	 Lesson 2 Labs due by 11:59pm

Date	Details
Mon Oct 21, 2019	 Activity 3-1: Identifying HTML and CSS terms (https://edcc.instructure.com/courses/1820955/assignments/16411898) due by 11:59pm
	 Discussion -- Lesson 3 Cascading Style Sheets (CSS) and Graphical Elements (https://edcc.instructure.com/courses/1820955/assignments/16411922) due by 11:59pm
	 Lesson 3 Labs (https://edcc.instructure.com/courses/1820955/assignments/16411941) due by 11:59pm
	 Review Quiz : Lesson 3 Cascading Style Sheets (CSS) and Graphical Elements (https://edcc.instructure.com/courses/1820955/assignments/16411910) due by 11:59pm
	 Publish your website to GitHub.com Assignment (https://edcc.instructure.com/courses/1820955/assignments/16411946) due by 11:59pm
Mon Oct 28, 2019	 Activity 4-1: Writing HTML hyperlink code (https://edcc.instructure.com/courses/1820955/assignments/16411901) due by 11:59pm
	 Discussion -- Lesson 4 Hyperlinks (https://edcc.instructure.com/courses/1820955/assignments/16411923) due by 11:59pm
	 Lesson 4 Labs (https://edcc.instructure.com/courses/1820955/assignments/16411939) due by 11:59pm
	 Programming Tool, WinMerge (https://edcc.instructure.com/courses/1820955/assignments/16411944) due by 11:59pm
	 Review Quiz : Lesson 4 Hyperlinks (https://edcc.instructure.com/courses/1820955/assignments/16411912) due by 11:59pm
Fri Nov 1, 2019	 CIS Student Survey: Fall 2019 - Extra Credit (10 pts) (https://edcc.instructure.com/courses/1820955/assignments/16866776) due by 11:59pm
	 Earn a Bachelor Degree in Cybersecurity INFORMATION SESSION - Extra Credit (10 pts) (https://edcc.instructure.com/courses/1820955/assignments/16867228) due by 11:59pm

Date	Details
Mon Nov 4, 2019	 Activity 5-1: Identifying HTML table elements and attributes (https://edcc.instructure.com/courses/1820955/assignments/16411919) due by 11:59pm
	 Discussion -- Lesson 5 HTML Tables (https://edcc.instructure.com/courses/1820955/assignments/16411924) due by 11:59pm
	 Lesson 5 Labs (https://edcc.instructure.com/courses/1820955/assignments/16411938) due by 11:59pm
	 Midterm Exam, Multiple Choice, True/False Questions on CIW: Site Development Associate Lessons 1 -5, Single Attempt, 180 minutes (https://edcc.instructure.com/courses/1820955/assignments/16411915) due by 11:59pm
	 Review Quiz : Lesson 5 HTML Tables (https://edcc.instructure.com/courses/1820955/assignments/16411918) due by 11:59pm
Tue Nov 12, 2019	 Activity 6-1: Identifying HTML form elements and attributes (https://edcc.instructure.com/courses/1820955/assignments/16411904) due by 11:59pm
	 Discussion -- Lesson 6 Web Forms (https://edcc.instructure.com/courses/1820955/assignments/16411925) due by 11:59pm
	 Review Quiz : Lesson 6 Web Forms (https://edcc.instructure.com/courses/1820955/assignments/16411917) due by 11:59pm
	 Web Forms Assignment (https://edcc.instructure.com/courses/1820955/assignments/16411951) due by 11:59pm
Mon Nov 18, 2019	 Discussion -- Lesson 7 Video, Audio, and Images Techniques (https://edcc.instructure.com/courses/1820955/assignments/16411926) due by 11:59pm
	 Review Quiz : Lesson 7 Video, Audio, and Images Techniques (https://edcc.instructure.com/courses/1820955/assignments/16411905) due by 11:59pm
	 Video, Audio, and Images Assignment (https://edcc.instructure.com/courses/1820955/assignments/16411950) due by 11:59pm
	 Exercise 7-1: HTML5-compliant browser support for HTML5 video and audio format (https://edcc.instructure.com/courses/1820955/assignments/16916638) due by 11:59pm
Wed Nov 20, 2019	 Cybersecurity Panel In The Black Box - November 20 2019 - Extra Credit (10 pts) (https://edcc.instructure.com/courses/1820955/assignments/16959038) due by 11:59pm

Date	Details
Mon Nov 25, 2019	 Activity 8-1: Reviewing Web technology terms (https://edcc.instructure.com/courses/1820955/assignments/16411897) due by 11:59pm
	 Discussion -- Lesson 8 Extending HTML (https://edcc.instructure.com/courses/1820955/assignments/16411927) due by 11:59pm
	 Extending HTML Assignment (https://edcc.instructure.com/courses/1820955/assignments/16411935) due by 11:59pm
	 Review Quiz : Lesson 8 Extending HTML (https://edcc.instructure.com/courses/1820955/assignments/16411916) due by 11:59pm
	 Programming Tool, Agent Ransack Assignment (https://edcc.instructure.com/courses/1820955/assignments/16411943) due by 11:59pm
Mon Dec 2, 2019	 Activity 9-1: GUI HTML Editors & Mobile Web Sites (https://edcc.instructure.com/courses/1820955/assignments/16411908) due by 11:59pm
	 Discussion -- Lesson 9 GUI HTML Editors & Mobile Web Sites (https://edcc.instructure.com/courses/1820955/assignments/16411928) due by 11:59pm
	 GUI Editors & Mobile Web Sites Assignment (https://edcc.instructure.com/courses/1820955/assignments/16411936) due by 11:59pm
	 Review Quiz : Lesson 9 GUI HTML Editors & Mobile Web Sites (https://edcc.instructure.com/courses/1820955/assignments/16411911) due by 11:59pm
Mon Dec 9, 2019	 Activity 10-1: Defining site development terms (https://edcc.instructure.com/courses/1820955/assignments/16411896) due by 11:59pm
	 Competency Demonstration - CIS 241 Web Dev I Final Project (https://edcc.instructure.com/courses/1820955/assignments/16411933) due by 11:59pm
	 Discussion -- Lesson 10 Web Site Development for Business (https://edcc.instructure.com/courses/1820955/assignments/16411929) due by 11:59pm
	 Final Exam, Multiple Choice, True/False Questions on CIW: Site Development Associate Lessons 6 -10 (https://edcc.instructure.com/courses/1820955/assignments/16411902) due by 11:59pm
	 Lesson 10 Web Site Development for Business Lab (https://edcc.instructure.com/courses/1820955/assignments/16411940) due by 11:59pm
	 Review Quiz : Lesson 10 Web Site Development for Business (https://edcc.instructure.com/courses/1820955/assignments/16411899) due by 11:59pm