Course Syllabus

CIS 241 - Web Development I

COURSE INFORMATION

- Quarter: Fall, 2018
- 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
- 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
    - Author: CIW
    - Publisher: CIW
    - Date of Publication: 2017
    - ISBN number: 2810050003276
- Required and/or Optional Materials: You must have regular and timely access to a computer with an internet connection.
- Computer Resources (Links to an external site.)Links to an external site.: 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 (Links to an external site.)Links to an external site.) 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 (Links to an external site.)Links to an external site. (full URL: http://www.edcc.edu/elearning (Links to an external site.)Links to an external site.).

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 (Links to an external site.)Links to an external site. (full URL: http://catalog.edcc.edu (Links to an external site.)Links to an external site.) on the Academic Requirements page, under Student Grades.
- **Policy on S, U, and N Grades**. These can be found in the online college catalog (Links to an external site.)Links to an external site. (full URL: http://catalog.edcc.edu (Links to an external site.)Links to an external site.) on the Academic Requirements page, under Student Grades.
- **Plagiarism Reference**. Reference Information (Links to an external site.)Links to an external site. (full URL: /syllabus/plagiarism-overview.html (Links to an external site.)Links to an external site.).
- **Institutional Withdrawal Policy**. Please see Instructor-Institutional Withdrawal Policy (Links to an external site.)Links to an external site. (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 (Links to an external site.)Links to an external site. (full URL: http://catalog.edcc.edu/content.php?catoid=23&navoid=6810 (Links to an external site.)Links to an external site.). This document includes Guidelines for Student Conduct and information on disciplinary procedures.

- **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 3, 2018, Monday.

SERVICES FOR STUDENTS WITH DISABILITIES

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

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 (Links to an external site.)Links to an external site. (full URL: http://www.edcc.edu/elearning (Links to an external site.)Links to an external site.).

STUDENT RESOURCES

Useful [Student Resources (Links to an external site.)Links to an external site.](http://www.edcc.edu/students) (full URL: **[http://www.edcc.edu/students (Links to an external site.)Links to an external site.](http://www.edcc.edu/students)**)

[Academic Calendar (Links to an external site.)Links to an external site.](http://www.edcc.edu/calendar/academic.html) (full URL: **[http://www.edcc.edu/calendar/academic.html (Links to an external site.)Links to an external site.](http://www.edcc.edu/calendar/academic.html)**)

[Advising (Links to an external site.)Links to an external site.](http://www.edcc.edu/advising) (full URL: **[http://www.edcc.edu/advising (Links to an external site.)Links to an external site.](http://www.edcc.edu/advising)**)

[Center for Student Engagement and Leadership (Links to an external site.)Links to an external site.](http://www.edcc.edu/csel) (full URL: **[http://www.edcc.edu/csel (Links to an external site.)Links to an external site.](http://www.edcc.edu/csel)**)

[College Policies and Procedures (Links to an external site.)Links to an external site.](http://catalog.edcc.edu/content.php?catoid=23&navoid=6810) (full URL: **[http://catalog.edcc.edu/content.php?catoid=23&navoid=6810 (Links to an external site.)Links to an external site.](http://catalog.edcc.edu/content.php?catoid=23&navoid=6810)**)

[Counseling and Resource Center (Links to an external site.)Links to an external site.](http://www.edcc.edu/counseling) (full URL: **[http://www.edcc.edu/counseling (Links to an external site.)Links to an external site.](http://www.edcc.edu/counseling)**)

[Diversity Student Center (Links to an external site.)Links to an external site.](http://www.edcc.edu/dsc) (full URL: **[http://www.edcc.edu/dsc (Links to an external site.)Links to an external site.](http://www.edcc.edu/dsc)**)

[eLearning Information (Links to an external site.)Links to an external site.](http://www.edcc.edu/elearning) (full URL: **[http://www.edcc.edu/elearning (Links to an external site.)Links to an external site.](http://www.edcc.edu/elearning)**)

[Enrollment Services (Links to an external site.)Links to an external site.](http://www.edcc.edu/es) (full URL: **[http://www.edcc.edu/es (Links to an external site.)Links to an external site.](http://www.edcc.edu/es)**)

[Library, including online resources (Links to an external site.)Links to an external site.](http://www.edcc.edu/library) (full URL: **[http://www.edcc.edu/library (Links to an external site.)Links to an external site.](http://www.edcc.edu/library)**)

[Services for Students with Disabilities (Links to an external site.)Links to an external site.](http://www.edcc.edu/ssd) (full URL: **[http://www.edcc.edu/ssd (Links to an external site.)Links to an external site.](http://www.edcc.edu/ssd)**)

[Student Printing Information (Links to an external site.)Links to an external site.](http://students.edcc.edu/acs/printing) (full URL: **[http://students.edcc.edu/acs/printing (Links to an external site.)Links to an external site.](http://students.edcc.edu/acs/printing)**)

[Student Support Resources (Links to an external site.)Links to an external site.](http://www.edcc.edu/support) (full URL: **http://www.edcc.edu/support (Links to an external site.)Links to an external site.**)

[TRIO (Links to an external site.)Links to an external site.](http://www.edcc.edu/trio) (full URL: **http://www.edcc.edu/trio (Links to an external site.)Links to an external site.**)

Title IX and Gender Discrimination (full URL: **http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html (Links to an external site.)Links to an external site.**)

Emergency Preparedness

The **[Triton Alert System (Links to an external site.)Links to an external site.](http://www.edcc.edu/alert/triton)** (full URL: **http://www.edcc.edu/alert/triton (Links to an external site.)Links to an external site.**) 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 (Links to an external site.)Links to an external site.](http://www.edcc.edu/calendar/academic.html)**.

Fall Quarter 2018

Date	Event
Sep. 3	**Labor Day Holiday: College Closed**

Sep. 17	**Fall quarter classes begin (Financial Aid deadline for this quarter: July 16, 2018)**
Sep. 19	**Last day online registration available for adding classes (after this date, instructor's permission needed to add most classes and waitlists are disabled)**
Sep. 21	**Financial Aid students must finalize their enrollment status by this date**
Sep. 21	**Last day for 100% refund (self-support classes have different dates)**
Sep. 28	**Graduation application submission deadline**
Sep. 28	**Last day before late petition required to register unless otherwise posted in schedule**
Sep. 28	**Last day to drop a class without a transcript entry**
Oct. 5	**Last day for 50% refund (self-support classes have different dates)**
Oct. 5	**Non-instructional Day (no classes): College Open**
Oct. 26	**Non-instructional Day (no classes): College Open**
Nov. 6	**Graduation packets due from advisors**
Nov. 6	**Last day to withdraw, add a continuous enrollment class, or change credit/audit status**
Nov. 8	**Registration for winter quarter begins**
Nov. 12	**Veterans Day Holiday: College Closed**
Nov. 15	**Winter quarter 2019 financial aid application deadline**
Nov. 15	**Open enrollment for winter quarters begins**
Nov. 21	**Non-instructional Day (no classes): College Open**
Nov. 22	**Thanksgiving Holiday: College Closed**
Nov. 23	**Native American Heritage Day: College Closed (no Saturday classes)**
Nov. 24	**Thanksgiving Holiday: College Closed (no Saturday classes)**
Dec. 3	**Web grading available to instructors through instructor briefcase**
Dec. 4	**Final exams**
Dec. 5	**Final exams**
Dec. 6	**Final exams**
Dec. 7	**Final exams**
Dec. 7	**Last day of fall quarter**
Dec. 12	**Grades are due**
Dec. 14	**Grades available to students online**
Dec. 20	**Winter Holiday: College Closed**
Dec. 21	**Winter Holiday: College Closed**
Dec. 22	**Winter Holiday: College Closed**
Dec. 23	**Winter Holiday: College Closed**
Dec. 24	**Winter Holiday: College Closed**
Dec. 25	**Winter Holiday: College Closed**
Dec. 26	**Winter Holiday: College Closed**

Course Summary:

Date	Details	
Mon Sep 24, 2018	Site Development Associate Pre-assessment Survey	due by 11:59pm
	Week 1 - Introduce Yourself	due by 11:59pm
	Login to CIW curriculum and link to your Instructor	due by 11:59pm
	Site Development Associate Pre-assessment	due by 11:59pm
Mon Oct 1, 2018	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
	HTML Editor Assignment	due by 11:59pm
	Review Quiz : Lesson 1 Markup Language and Site Development Essentials	due by 11:59pm
Mon Oct 8, 2018	Activity 2-1: Identifying HTML elements and attributes	due by 11:59pm
	Discussion -- Lesson 2 HTML5 Coding	due by 11:59pm
	Review Quiz : Lesson 2 HTML5 Coding	due by 11:59pm
	Site Structure Assignment	due by 11:59pm
Mon Oct 15, 2018	Activity 3-1: Identifying HTML and CSS terms	due by 11:59pm
	Discussion -- Lesson 3 Cascading Style Sheets (CSS) and Graphical Elements	due by 11:59pm
	Lesson 3 Labs	due by 11:59pm

Date	Details	
	Review Quiz : Lesson 3 Cascading Style Sheets (CSS) and Graphical Elements	due by 11:59pm
Mon Oct 22, 2018	Activity 4-1: Writing HTML hyperlink code	due by 11:59pm
	Discussion -- Lesson 4 Hyperlinks	due by 11:59pm
	Hyperlink Assignment	due by 11:59pm
	Programming Tool, WinMerge	due by 11:59pm
	Review Quiz : Lesson 4 Hyperlinks	due by 11:59pm
Mon Oct 29, 2018	Activity 5-1: Identifying HTML table elements and attributes	due by 11:59pm
	Discussion -- Lesson 5 HTML Tables	due by 11:59pm
	HTML Tables Assignment	due by 11:59pm
	Programming Tool, Agent Ransack Assignment	due by 11:59pm
	Review Quiz : Lesson 5 HTML Tables	due by 11:59pm
	Midterm Exam	due by 11:59pm
Mon Nov 5, 2018	Activity 6-1: Identifying HTML form elements and attributes	due by 11:59pm
	Discussion -- Lesson 6 Web Forms	due by 11:59pm
	Review Quiz : Lesson 6 Web Forms	due by 11:59pm
	Web Forms Assignment	due by 11:59pm

Date	Details	
Date	**Details**	
Mon Nov 12, 2018	[Activity 7-1: Reviewing video, audio and image map elements and attributes](#)	due by 11:59pm
	[Discussion -- Lesson 7 Video, Audio, and Images Techniques](#)	due by 11:59pm
	[Review Quiz : Lesson 7 Video, Audio, and Images Techniques](#)	due by 11:59pm
	[Video, Audio, and Images Assignment](#)	due by 11:59pm
Mon Nov 19, 2018	[Activity 8-1: Reviewing Web technology terms](#) due by 11:59pm	
	[Discussion -- Lesson 8 Extending HTML](#) due by 11:59pm	
	[Extending HTML Assignment](#) due by 11:59pm	
	[Review Quiz : Lesson 8 Extending HTML](#) due by 11:59pm	
Mon Nov 26, 2018	[Activity 9-1: GUI HTML Editors & Mobile Web Sites](#)	due by 11:59pm
	[Discussion -- Lesson 9 GUI HTML Editors & Mobile Web Sites](#)	due by 11:59pm
	[GUI Editors & Mobile Web Sites Assignment](#)	due by 11:59pm
	[Review Quiz : Lesson 9 GUI HTML Editors & Mobile Web Sites](#)	due by 11:59pm
Mon Dec 3, 2018	[Activity 10-1: Defining site development terms](#)	due by 11:59pm
	[Discussion -- Lesson 10 Web Site Development for Business](#)	due by 11:59pm
	[Final Exam](#)	due by 11:59pm
	[Lesson 10 Web Site Development for Business Lab](#)	due by 11:59pm

Date	Details	
	Review Quiz : Lesson 10 Web Site Development for Business	due by 11:59pm
	Competency Demonstration - CIS 241 Web Dev I Final Project	due by 11:59pm

September 2018

Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26 Previous month	27 Previous month	28 Previous month	29 Previous month	30 Previous month	31 Previous month	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18 Today	19	20	21	22
23	24 Click to view event details	25	26	27	28	29
30	1 Next month Click to view event details	2 Next month	3 Next month	4 Next month	5 Next month	6 Next month

Course assignments are not weighted.