

Course Syllabus

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 Edit

Point Loma Nazarene University

CIT 3064 Web Design & Scripting

Fall 2023 - Hybrid (4 Credit Hours)

Time and Place:	Wednesday Evenings 6:00pm – 10:00pm
	Miracosta College, OC4803a
Final Exam:	Wednesday, June 26, 2024

Instructor:	Sam Ovando	Best way to reach me is to email me at my PLNU email address. I will be monitoring it regularly and will respond as soon as possible.
	sovando@pointloma.edu	office: On-line
Office Hours:	By appointment	

Students are welcome to contact me via e-mail and schedule an appointment at any time as I am available. Appointments can be face-to-face, on the phone, or via a video conference call.

Text: (Note: The print copy of the textbook for this course is lent to the students for the duration of the course. Students will be charged if the textbook is not returned at the end of the course.)

HTML5 and CCS3 Comprehensive, 8e

Patrick Carey

ISBN: 978-0-357-10714-0

Needed Supplies:

Access to a laptop computer that runs Windows OS or MacOS with at least 8Gb of RAM and 50Gb of free storage space, standard office software, and the ability to install software on your computer. You are required to bring your computer to class to more easily start in class assignments. You should bring your textbook to each class sessions. We will be using information from the textbook each week as part of in-class assignments. Students will need to be able to download and install Microsoft Visual Studio Code onto their laptop to complete homework and in-class activities.

Catalog Description:

This course is designed to provide in-depth, hands-on instruction in designing and scripting Web sites using HTML5 and CSS3 standards. Techniques in page layout and graphic design will be introduced. Assignments will focus on the hands-on use of modern web development practices using integrated development environments. In addition, the course will introduce popular website development and content management tools such as WordPress to show alternative development approaches to HTML5 and CCS3.

Course Learning Outcomes:

1. Students will be able to create the structure of an HTML document and use HTML element properties.
2. Students will be able to use style sheets to apply HTML-consistent text and font styles.
3. Students will be able to use standard grid layouts to format HTML documents.
4. Students will be able to use relative and absolute positioning of HTML elements.
5. Students will be able to create HTML documents with background images, text shadows and 2D to 3D transformation.
6. Students will be able to design HTML pages for mobile web.
7. Students will be able to create HTML documents utilizing table and column elements.
8. Students will be able to design HTML documents utilizing web forms.

9. Students will be able to create HTML documents with advanced audio and video elements.
10. Students will be able to apply basic JavaScript programming to HTML documents.

Program Learning Outcomes:

Graduates will have a coherent and broad-based knowledge of the discipline of Computer Information Technology.

1. Students will be able to identify and evaluate information technology infrastructure necessary to meet an organization's business needs.
2. Students will be able to develop, plan and evaluate appropriate processes for managing information systems and information technology projects.
3. Students will be able to design, develop, and evaluate software solutions to meet an organization's business needs.
4. Students will be able to apply their technical knowledge to solve problems.
5. Students will be able to speak about their work with precision, clarity and organization (Oral Communication).
6. Students will be able to write about their work with precision, clarity and organization (Written Communication).
7. Students will collaborate effectively in teams.
8. Students will be able to identify, locate, evaluate, and effectively and responsibly use and cite information for the task at hand (Information Literacy).
9. Students will be able to gather relevant information, examine information and form a conclusion based on that information (Critical Thinking).
10. Students will be able to understand and create arguments supported by quantitative evidence, and they can clearly communicate those arguments in a variety of formats (Quantitative Reasoning).
11. Students will understand the professional, ethical, legal, security and social issues and responsibilities with the implementation and use of information technology.
12. Computer Information Technology graduates will be adequately prepared for entry into graduate school or jobs in the computing profession.

Course Organization:

Reading: The assigned reading each week should be completed before class. Lecture, class discussion and class activities will be based on the assumption that the reading has been completed before the class of a given week.

Chapter Practice Quizzes: Quizzes are open book and will focus on having read and understood the reading assignment. Quizzes will be taken online using Canvas before class and will be available a week

before they are due. Each quiz will have 10 questions and students will have 8 minutes to complete the quiz. Each quiz is due before we discuss the topic in class. This is to encourage students to complete the reading prior to class discussion. Missed quizzes will receive zero points and there will be no make-up for missed quizzes. Quiz questions are randomly pulled from a large dataset and students are able to take the quiz as many times as they would like before the quiz due date and time. Only the latest quiz score will be recorded.

Tutorial Assignment: Each week, students will complete and submit a hands-on tutorial assignment found throughout the chapter before the start of class for each chapter read. This assignment will have step-by-step instructions and will reinforce the concepts presented in the chapter.

Weekly Review and Case Assignments: Each week, students will be assigned a chapter review and a chapter case problems from each chapter that will be started during class time and then completed before the next class sessions.

Final Fan Site Assignment: Students will complete a fan website on any topic the student would like, such as a sports team, technology, location, or person. The fan site will include concepts covered throughout the course and will demonstrate the student's understanding of each these topics. The final version of the fan site will be submitted before the last class session and be presented in class.

Exams: A final exam will be given in class. The final exam will cover all material throughout the course. The exams will be closed book and closed note and will include multiple choice, short answer, and problem-solving questions. **If you will miss an exam for a school function, you must make arrangements to take it in advance. If you ever miss an exam without giving the instructor prior notice, there is a good chance you will receive a zero unless, of course, there was clearly an emergency. Exams in the course must be taken using the host operating system. Taking the exam using on a Virtual Machine is prohibited unless instructed by the by the course instructor.**

E-mail and Messages:

Students are expected to regularly use their PLNU e-mail. The instructor will periodically send you information and updates via e-mail and/or canvas. Students must activate their PLNU e-mail account a week prior to the first class session if you are not currently using it.

Activity Point Distribution:

Activity	Points	Percent
Welcome Activities	80	7%
Weekly Questions	30	3%
Reading Quizzes	100	9%
Tutorial Assignment	200	19%
Weekly Review and Case Assignments	400	37%
Fan Website	160	14%
Final Exam	120	11%
Total	1090	100%

Grading Scale in Percentage:

A	92 - 100%	C	72 - 76.9%
A-	90 - 91.9%	C-	70 - 71.9%
B+	87 - 89.9%	D+	67 - 69.9%
B	82 - 86.9%	D	62 - 66.9%
B-	80 - 81.9%	D-	60 - 61.9%
C+	77 - 79.9%	F	0 - 59.9%

Credit Hour Information: Distribution of Student Learning Hours

In the interest of providing sufficient time to accomplish the stated course learning outcomes, this class meets the PLNU credit hour policy for a 4-unit class delivered over 8 weeks. Specific details about how the class meets the credit hour requirements can be provided upon request. It is anticipated that you will spend a minimum of 37.5 participation hours per credit hour in your course. The estimated time expectations for this course are shown below:

Activity	Hours
Reading and Online Quizzes (3 hours per chapter)	30
Tutorial Assignments (2.5 hours per chapter)	25
In-Class Discussion and Activities	28
Weekly Assignments (4 hours per chapter)	40
Fan Page	22
Exams Preparation	5
TOTAL	150

Late Homework/Classwork:

Reading Quizzes are not accepted late. If you fail to take the reading quiz before the due date/time, you will receive a zero for the quiz. Other assignments can be submitted late but will receive a 10% point deduction for each day late (24-hour period after the due date/time). Late assignments will not be accepted more than four days late. No assignment will be accepted after the last day of class.

University Mission:

To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service becomes an expression of faith. Being of Wesleyan heritage, we aspire to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

Institutional Learning Outcomes:

1. Learning, Informed by our Faith in Christ - Students will acquire knowledge of human cultures and the physical and natural world while developing skills and habits of the mind that foster lifelong learning.
2. Growing, In a Christ-Centered Faith Community - Students will develop a deeper and more informed understanding of others as they negotiate complex professional, environmental and social contexts.
3. Serving, In a Context of Christian Faith - Students will serve locally and/or globally in vocational and social settings.

Department Mission:

The Mathematical, Information, and Computer Sciences department at Point Loma Nazarene University is committed to maintaining a curriculum that provides its students with the tools to be productive, the passion to continue learning, and Christian perspectives to provide a basis for making sound value judgments.

PLNU Attendance and Participation Policy:

Regular and punctual attendance at all class sessions is considered essential to optimum academic achievement. Therefore, regular attendance and participation in each course are minimal requirements. If the student is absent for more than 10 percent of class sessions, the faculty member will issue a written warning of de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university withdrawal date or, after that date, receive an "F" grade. Students who anticipate being absent for an entire week of a course should contact the instructor in advance for approval and make arrangements to complete the required coursework and/or alternative assignments assigned at the discretion of the instructor. Acceptance of late work is at the discretion of the instructor and does not waive attendance requirements. Refer to Academic Policies for additional detail.

Synchronous Attendance/Participation Definition

For synchronous courses that have specific scheduled meeting times (including in-person, hybrid, and synchronous online courses), absences are counted from the first official meeting of the class regardless of the date of the student's enrollment. For courses with specific attendance requirements, those

requirements are outlined in the course syllabus. Note: For synchronous courses with an online asynchronous week, refer to the Online Asynchronous Class Attendance policy listed below.

Online Asynchronous Attendance/Participation Definition

Students taking online courses with no specific scheduled meeting times are expected to actively engage throughout each week of the course. Attendance is defined as participating in an academic activity within the online classroom which includes, but is not limited to: • Engaging in an online discussion • Submitting an assignment • Taking an exam • Participating in online labs • Initiating contact with faculty member within the learning management system to discuss course content Note: Logging into the course does not qualify as participation and will not be counted as meeting the attendance requirement.

For example: In a four-unit 8-week hybrid course, a student may be de-enrolled after missing five hours of synchronous class time (counting the first week's activities as four hours if assignments are not submitted).

Class Enrollment:

It is the student's responsibility to maintain his/her class schedule. Should the need arise to drop this course (personal emergencies, poor performance, etc.), the student has the responsibility to follow through (provided the drop date meets the stated calendar deadline established by the university), not the instructor. Simply ceasing to attend this course or failing to follow through to arrange for a change of registration (drop/add) may easily result in a grade of F on the official transcript.

Academic Accommodations:

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities. Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center (EAC@pointloma.edu or 619-849-2486). Once a student's eligibility for an accommodation has been determined, the EAC will issue an academic accommodation plan ("AP") to all faculty who teach courses in which the student is enrolled each semester.

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their AP in that particular course and/or if they do not wish to utilize some or all of the elements of their AP in that course.

Students who need accommodations for a disability should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. It is the student's responsibility to make the first contact with the EAC.

Academic Honesty:

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See Academic Policies in the Graduate and Professional Studies Catalog for definitions of kinds of academic dishonesty and for further policy information.

The author's solutions to questions and problems might be found on the Internet (or other sources) for free or for purchase. The clear use of the author's solution (or the solution not developed by the student) not provided to you by the instructor or through in-class videos for a single question or problem on an assignment will, at minimum, result in a zero for the entire assignment or up to a failing grade in the course on first offense. The student will receive a failing grade in the course on the second offense.

Artificial Intelligence (AI) Policy:

You are allowed to use Artificial Intelligence (AI) tools (e.g, ChatGPT, iA Writer, Marmot, Botowski) to generate ideas, but you are not allowed to use AI tools to generate content (text, video, audio, images) that will end up in any work submitted to be graded for this course unless explicitly called for in the assignment instructions. If you have any doubts about using AI, please gain permission from the instructor.

Etiquette and Behavior:

Students are expected to actively and positively engage in the adult learning environment. Behaviors that disrupt the classroom environment and interfere with the learning of others are prohibited. Examples of disruptive behavior include talking with other students during a presentation or when others are speaking, texting, gaming, internet browsing, or reading non-course related materials. All cell phones and other electronic communication devices will be turned off at the beginning of class. Tablets and computers are allowed in class for note-taking purposes only, unless otherwise directed by the instructor. Should a student's behavior become disruptive to the productivity of the course they will be asked to leave the classroom and not receive credit for attendance.

In the online environment, students are expected to also be actively and positively engaged in an adult learning environment and consider the complexities of engaging in discussions in an online environment. Disagreeing with each other and engaging in debates about ideas is encouraged to better understand

each other's ideas and perspectives. Such discussions should never involve personal comments, offensive or inappropriate language, or either aggressive or passive aggressive verbiage.

Students who wish to share feedback about the course, program, PLNU, or any administration, faculty, or staff should not do so within course discussions, assignments, or projects and should meet one-on-one with the professor or program director. A classroom or an online learning environment is not the proper place to discuss feedback about the university or any university representatives.

Persons not enrolled in the course are not permitted to be present in class. This policy includes family/friends of students and potential students.

When working with PLNU staff, faculty and administrators, and other students, students are expected to communicate and act respectfully. Any aggression or disrespect to any party may result in up to and including suspension from PLNU. See Academic Behavior Policy in the Graduate and Professional Studies Catalog for definitions of behaviors and further policy information.

E-mail and Messages:

It is expected that students regularly use e-mail. The instructor will periodically send you information and updates via e-mail and/or via canvas. In the first week of class you must activate your PLNU e-mail account if you are not currently using it. Please send questions about specific problems or course details to the instructor by posting them in Canvas so that all members of the class can see the response.

Sexual Misconduct and Discrimination:

Point Loma Nazarene University faculty are committed to helping create a safe learning environment for all students. If you (or someone you know) have experienced any form of sexual discrimination or misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available through the **Title IX Office** (<https://www.pointloma.edu/title-ix>). Please be aware that under Title IX of the Education Amendments of 1972, it is required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact Counseling Services at counselingservices@pointloma.edu (<mailto:counselingservices@pointloma.edu>) or find a list of campus pastors at the **Title IX Office | Get Help Now** (<https://www.pointloma.edu/title-ix/get-help-now>)

State Authorization:

State authorization is a formal determination by a state that Point Loma Nazarene University is approved to conduct activities regulated by that state. In certain states outside California, Point Loma Nazarene University is not authorized to enroll online (distance education) students. If a student moves to another state after admission to the program and/or enrollment in an online course, continuation within the program and/or course will depend on whether Point Loma Nazarene University is authorized to offer distance education courses in that state. It is the student's responsibility to notify the institution of any change in his or her physical location. Refer to the map on [State Authorization \(https://www.pointloma.edu/offices/office-institutional-effectiveness-research/disclosures\)](https://www.pointloma.edu/offices/office-institutional-effectiveness-research/disclosures) to view which states allow online (distance education) outside of California.

PLNU Copyright Policy



Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.














Use of Technology















In order to be successful in the online or hybrid environment, you'll need to meet the minimum technology and system requirements, which includes and working computer with the chrome browser and a stable internet connection. Additionally, students are required to have headphone speakers, microphone, or webcams compatible with their computer available to use. Please note that any course with online proctored exams require a computer with a camera (tablets are not compatible) to complete exams online.















Problems with technology do not relieve you of the responsibility of participating, turning in your assignments, or completing your class work.















Course Summary:








Date	Details	Due
Sun May 5, 2024	 Week 01 Overview	to do: 11:59pm
Fri May 10, 2024	 Web Design Course Welcome Discussion - Not accepted late (https://canvas.pointloma.edu/courses/75466/assignments/1031969)	due by 11:59pm

Date	Details	Due
Sun May 12, 2024	 Academic Honesty Verification Statement https://canvas.pointloma.edu/courses/75466/assignments/1031952	due by 11:59pm
	 Syllabus Quiz - Not accepted late https://canvas.pointloma.edu/courses/75466/assignments/1031956	due by 11:59pm
	 Welcome Assignment - Assignment not accepted late https://canvas.pointloma.edu/courses/75466/assignments/1032004	due by 11:59pm
	 Week 02 Overview	to do: 11:59pm
Tue May 14, 2024	 Week 02 Questions - Due 24 hours before class https://canvas.pointloma.edu/courses/75466/assignments/1031963	due by 6pm
Wed May 15, 2024	 Chapter 01 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031961	due by 6pm
	 Chapter 01 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031974	due by 6pm
Sun May 19, 2024	 Week 03 Overview	to do: 11:59pm
Tue May 21, 2024	 Week 03 Questions - Due 24 hours before class https://canvas.pointloma.edu/courses/75466/assignments/1031964	due by 6pm
Wed May 22, 2024	 Chapter 01 Case 1 https://canvas.pointloma.edu/courses/75466/assignments/1031972	due by 6pm
	 Chapter 01 Review https://canvas.pointloma.edu/courses/75466/assignments/1031973	due by 6pm
	 Chapter 02 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031960	due by 6pm
	 Chapter 02 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031977	due by 6pm

Date	Details	Due
	 Chapter 03 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031953	due by 6pm
	 Chapter 03 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031980	due by 6pm
Sun May 26, 2024	 Week 04 Overview	to do: 11:59pm
Tue May 28, 2024	 Week 04 Questions - Due 24 hours before class https://canvas.pointloma.edu/courses/75466/assignments/1031965	due by 6pm
	 Chapter 02 Case 1 https://canvas.pointloma.edu/courses/75466/assignments/1031975	due by 6pm
	 Chapter 02 Review https://canvas.pointloma.edu/courses/75466/assignments/1031976	due by 6pm
	 Chapter 03 Case 1 https://canvas.pointloma.edu/courses/75466/assignments/1031978	due by 6pm
Wed May 29, 2024	 Chapter 03 Review https://canvas.pointloma.edu/courses/75466/assignments/1031979	due by 6pm
	 Chapter 04 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031958	due by 6pm
	 Chapter 04 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031983	due by 6pm
	 Fan Page - Initial Thoughts https://canvas.pointloma.edu/courses/75466/assignments/1032000	due by 6pm
Sun Jun 2, 2024	 Week 05 Overview	to do: 11:59pm
Tue Jun 4, 2024	 Week 05 Questions - Due 24 hours before class https://canvas.pointloma.edu/courses/75466/assignments/1031966	due by 6pm
Wed Jun 5, 2024	 Chapter 04 Case 1 https://canvas.pointloma.edu/courses/75466/assignments/1031981	due by 6pm

Date	Details	Due
	 Chapter 04 Review https://canvas.pointloma.edu/courses/75466/assignments/1031982	due by 6pm
	 Chapter 05 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031950	due by 6pm
	 Chapter 05 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031986	due by 6pm
	 Chapter 06 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031951	due by 6pm
	 Chapter 06 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031989	due by 6pm
	 Mid-Course Survey https://canvas.pointloma.edu/courses/75466/assignments/1031954	due by 6pm
Sun Jun 9, 2024	 Week 06 Overview	to do: 11:59pm
Tue Jun 11, 2024	 Week 06 Questions - Due 24 hours before class https://canvas.pointloma.edu/courses/75466/assignments/1031967	due by 6pm
Wed Jun 12, 2024	 Chapter 05 Case 1 https://canvas.pointloma.edu/courses/75466/assignments/1031984	due by 6pm
	 Chapter 05 Review https://canvas.pointloma.edu/courses/75466/assignments/1031985	due by 6pm
	 Chapter 06 Case 1 https://canvas.pointloma.edu/courses/75466/assignments/1031987	due by 6pm
	 Chapter 06 Review https://canvas.pointloma.edu/courses/75466/assignments/1031988	due by 6pm
	 Chapter 07 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031957	due by 6pm
	 Chapter 07 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031991	due by 6pm

Date	Details	Due
	 Chapter 08 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031959	due by 6pm
	 Chapter 08 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031993	due by 6pm
	 Fan Page - Wire Frame https://canvas.pointloma.edu/courses/75466/assignments/1032001	due by 6pm
Sun Jun 16, 2024	 Week 07 Overview	to do: 11:59pm
Tue Jun 18, 2024	 Week 07 Questions - Due 24 hours before class https://canvas.pointloma.edu/courses/75466/assignments/1031968	due by 6pm
	 Chapter 07 Case 1 https://canvas.pointloma.edu/courses/75466/assignments/1031970	due by 6pm
	 Chapter 08 Review https://canvas.pointloma.edu/courses/75466/assignments/1031971	due by 6pm
	 Chapter 07 Review https://canvas.pointloma.edu/courses/75466/assignments/1031990	due by 6pm
	 Chapter 08 Case 1 https://canvas.pointloma.edu/courses/75466/assignments/1031992	due by 6pm
Wed Jun 19, 2024	 Chapter 09 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031949	due by 6pm
	 Chapter 09 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031996	due by 6pm
	 Chapter 10 Practice Quiz https://canvas.pointloma.edu/courses/75466/assignments/1031955	due by 6pm
	 Chapter 10 Tutorial https://canvas.pointloma.edu/courses/75466/assignments/1031999	due by 6pm
Sun Jun 23, 2024	 Week 08 Overview	to do: 11:59pm

Date	Details	Due
Tue Jun 25, 2024	 <u>Fan Page Final - Due 24 hours before class</u> https://canvas.pointloma.edu/courses/75466/assignments/1032002	due by 6pm
	 <u>Chapter 09 Case 1</u> https://canvas.pointloma.edu/courses/75466/assignments/1031994	due by 6pm
	 <u>Chapter 09 Review</u> https://canvas.pointloma.edu/courses/75466/assignments/1031995	due by 6pm
Wed Jun 26, 2024	 <u>Chapter 10 Case 1</u> https://canvas.pointloma.edu/courses/75466/assignments/1031997	due by 6pm
	 <u>Chapter 10 Review</u> https://canvas.pointloma.edu/courses/75466/assignments/1031998	due by 6pm
	 <u>Official Course Evaluation</u> https://canvas.pointloma.edu/courses/75466/assignments/1032003	due by 6pm
	 <u>Final Exam</u> https://canvas.pointloma.edu/courses/75466/assignments/1031962	due by 9:45pm