# Course Syllabus

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## Point Loma Nazarene University

## School of STEM

## CIT 3064 Web Design & Scripting

## Fall 2026 - Hybrid (4 Credit Hours)

| | |
|---|---|
| **Time:** | Thursday Evenings 6:00pm – 10:00pm |
| **Place:** | Grossmont College, Building 36, Room 137 |
| **Final Exam:** | Oct. 22, 2026<br>**NOTE**: Students must earn 50% or more on the final exam and 60% of the total points in the class to pass the course |

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|---|---|
| **Instructor:** | Sam Ovando |
| **Office** | On-line |
| **Office Hours:** | 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.<br>Sign-up for a 15 Minute Help Session at the following link:<br>• **Sign-up for a 15 Minute Help Session (https://calendar.app.google/TtLfgn81XsVa4FZv8)** |
| **How to contact me:** | sovando@pointloma.edu |

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 time 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 problem from each chapter that will be started during class time and then completed before the next class session.

**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 of these topics. The final version of the fan site will be submitted before the last class session and will be presented in class. **Anyone not attending the fan page presentation or who is seen using a computer or mobile device during the presentation will receive up to a 150-point deduction from their fan page assignment.**

**Exams:** A final exam will be given in class. The final exam will cover all the 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 a Virtual Machine is prohibited unless instructed 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 they are not currently using it.

**Activity Point Distribution:**

| Activity | Points | Percent |
|---|---|---|
| Welcome Activities | 80 | 7% |
| Weekly Questions | 30 | 2% |

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|---|---|---|
| Reading Quizzes | 100 | 8% |
| Tutorial Assignment | 200 | 17% |
| Weekly Review and Case Assignments | 400 | 33% |
| Fan Website | 160 | 13% |
| Final Exam | 240 | 20% |
| **Total** | **1210** | **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:**

Attendance is expected at each class session.  In the event of an absence you are responsible for the material covered in class and the assignments given that day.

**Regular and punctual attendance at all synchronous class sessions** is considered essential to optimum academic achievement. If the student is absent for more than 10 percent of class sessions (virtual or face-to-face), 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 drop date or, after that date, receive the appropriate grade for their work and participation. In some courses, a portion of the credit hour content will be delivered asynchronously and attendance will be determined by submitting the assignments by the posted due dates. See Academic Policies in the Graduate and Professional Studies Catalog. If absences exceed these limits but are due to university excused health issues, an exception will be granted.

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 in accordance with the Americans with Disabilities Act (ADA). Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center on the PL campus, the first floor of the Balboa campus, and the second floor of the Mission Valley campus. For all students, including the Bakersfield campus, virtual appointments are available. You can reach the Educational Access Center (EAC) **by email (mailto:EAC@pointloma.edu)** or phone at 619-849-2533. Students can access both requests for and evidence of disability through the Accommodate link off the main page of **OneLogin (https://pointloma.onelogin.com/portal)** . Once a student’s eligibility for an accommodation has been determined, the EAC will work with the student to create an Accommodation Plan (AP) that outlines approved accommodations.

Professors are able to view a student's approved accommodations through **Accommodate (https://pointloma-accommodate.symplicity.com/)** .

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their approved accommodations in that particular course. Accommodations are not retroactive; as such, clarifying with the professor at the outset is one of the best ways to promote positive academic outcomes.

Students who need accommodations for a disability-related need should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. In accordance with ADA, accommodations cannot constitute a fundamental alteration to course outcomes; therefore, planning ahead is vital in establishing appropriate accommodations for equal access to this course. It is the student's responsibility to make the first contact with the EAC. Students cannot assume that because they had accommodations in the past, their eligibility at PLNU is automatic. All determinations at PLNU must go through the EAC eligibility process. This is to protect the privacy of students with disabilities who may not want to disclose this information and are not asking for any accommodations.

**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.

**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.

**Additional Syllabus Information**

Additional PLNU policies and practices that apply to this course can be found **HERE (https://docs.google.com/document/d/1kWXiOwPBL5ErYmtZr3xlYH0T-ULM9Bs3kfv-axsWJH8/edit?usp=sharing)**

# Course Summary:

| Date | Details | Due |
|---|---|---|

| Date | Details | Due |
| --- | --- | --- |
| **Sun Aug 30, 2026** | Week 01 Overview | to do: 11:59pm |
| **Fri Sep 4, 2026** | Web Design Course Welcome Discussion - Not accepted late (https://canvas.pointloma.edu/courses/88844/assignments/1359942) | due by 11:59pm |
| **Sun Sep 6, 2026** | Academic Honesty Verification Statement (https://canvas.pointloma.edu/courses/88844/assignments/1359933) | due by 11:59pm |
| | Syllabus Quiz - Not accepted late (https://canvas.pointloma.edu/courses/88844/assignments/1359925) | due by 11:59pm |
| | Welcome Assignment - Assignment not accepted late (https://canvas.pointloma.edu/courses/88844/assignments/1359979) | due by 11:59pm |
| | Week 02 Overview | to do: 11:59pm |
| **Wed Sep 9, 2026** | Week 02 Questions - Due 24 hours before class (https://canvas.pointloma.edu/courses/88844/assignments/1359936) | due by 6pm |
| **Thu Sep 10, 2026** | Chapter 01 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359924) | due by 6pm |
| | Chapter 01 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359947) | due by 6pm |
| **Sun Sep 13, 2026** | Week 03 Overview | to do: 11:59pm |
| **Wed Sep 16, 2026** | Week 03 Questions - Due 24 hours before class (https://canvas.pointloma.edu/courses/88844/assignments/1359937) | due by 6pm |
| **Thu Sep 17, 2026** | Chapter 01 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359945) | due by 6pm |
| | Chapter 01 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359946) | due by 6pm |
| | Chapter 02 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359927) | due by 6pm |

| Date | Details | Due |
| --- | --- | --- |
| | Chapter 02 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359950) | due by 6pm |
| | Chapter 03 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359932) | due by 6pm |
| | Chapter 03 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359953) | due by 6pm |
| **Sun Sep 20, 2026** | Week 04 Overview | to do: 11:59pm |
| | Week 04 Questions - Due 24 hours before class (https://canvas.pointloma.edu/courses/88844/assignments/1359938) | due by 6pm |
| **Wed Sep 23, 2026** | Chapter 01 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359945) (2 students) | due by 8pm |
| | Chapter 01 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359946) (1 student) | due by 8pm |
| | Chapter 02 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359948) | due by 6pm |
| | Chapter 02 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359949) | due by 6pm |
| | Chapter 03 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359951) | due by 6pm |
| **Thu Sep 24, 2026** | Chapter 03 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359952) | due by 6pm |
| | Chapter 04 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359934) | due by 6pm |
| | Chapter 04 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359956) | due by 6pm |
| | Fan Page - Initial Thoughts (https://canvas.pointloma.edu/courses/88844/assignments/1359973) | due by 6pm |

| Date | Details | Due |
|---|---|---|
| **Sun Sep 27, 2026** | Week 05 Overview | to do: 11:59pm |
| **Wed Sep 30, 2026** | Week 05 Questions - Due 24 hours before class (https://canvas.pointloma.edu/courses/88844/assignments/1359939) | due by 6pm |
| **Thu Oct 1, 2026** | Chapter 04 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359954) | due by 6pm |
| | Chapter 04 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359955) | due by 6pm |
| | Chapter 05 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359923) | due by 6pm |
| | Chapter 05 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359959) | due by 6pm |
| | Chapter 06 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359935) | due by 6pm |
| | Chapter 06 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359962) | due by 6pm |
| | Mid-Course Survey (https://canvas.pointloma.edu/courses/88844/assignments/1359930) | due by 6pm |
| **Sun Oct 4, 2026** | Week 06 Overview | to do: 11:59pm |
| **Wed Oct 7, 2026** | Week 06 Questions - Due 24 hours before class (https://canvas.pointloma.edu/courses/88844/assignments/1359940) | due by 6pm |
| **Thu Oct 8, 2026** | Chapter 05 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359957) | due by 6pm |
| | Chapter 05 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359958) | due by 6pm |
| | Chapter 06 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359960) | due by 6pm |
| | Chapter 06 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359961) | due by 6pm |

| Date | Details | Due |
|---|---|---|
| | Chapter 07 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359931) | due by 6pm |
| | Chapter 07 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359964) | due by 6pm |
| | Chapter 08 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359929) | due by 6pm |
| | Chapter 08 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359966) | due by 6pm |
| | Fan Page - Wire Frame (https://canvas.pointloma.edu/courses/88844/assignments/1359974) | due by 6pm |
| **Sun Oct 11, 2026** | Week 07 Overview | to do: 11:59pm |
| **Wed Oct 14, 2026** | Week 07 Questions - Due 24 hours before class (https://canvas.pointloma.edu/courses/88844/assignments/1359941) | due by 6pm |
| **Thu Oct 15, 2026** | Chapter 07 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359943) | due by 6pm |
| | Chapter 08 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359944) | due by 6pm |
| | Chapter 07 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359963) | due by 6pm |
| | Chapter 08 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359965) | due by 6pm |
| | Chapter 09 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359926) | due by 6pm |
| | Chapter 09 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359969) | due by 6pm |
| | Chapter 10 Practice Quiz (https://canvas.pointloma.edu/courses/88844/assignments/1359928) | due by 6pm |
| | Chapter 10 Tutorial (https://canvas.pointloma.edu/courses/88844/assignments/1359972) | due by 6pm |

| Date | Details | Due |
| --- | --- | --- |
| **Sun Oct 18, 2026** | Week 08 Overview | to do: 11:59pm |
| **Wed Oct 21, 2026** | Fan Page Final - Due 24 hours before class (https://canvas.pointloma.edu/courses/88844/assignments/1359975) | due by 6pm |
| **Thu Oct 22, 2026** | Chapter 09 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359967) | due by 6pm |
| | Chapter 09 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359968) | due by 6pm |
| | Chapter 10 Case 1 (https://canvas.pointloma.edu/courses/88844/assignments/1359970) | due by 6pm |
| | Chapter 10 Review (https://canvas.pointloma.edu/courses/88844/assignments/1359971) | due by 6pm |
| | Official Course Evaluation (https://canvas.pointloma.edu/courses/88844/assignments/1359977) | due by 6pm |
| | Text Book Return (https://canvas.pointloma.edu/courses/88844/assignments/1359978) | due by 6pm |
| | Final Exam (60 questions, 4 pts./question, 90 minutes) (https://canvas.pointloma.edu/courses/88844/assignments/1359922) | due by 7:35pm |
| | Fan Page Presentation & Guide (https://canvas.pointloma.edu/courses/88844/assignments/1359976) | due by 10pm |