

ART4050-1 SP22 - Interactive Web Design

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Point Loma Nazarene University

Art 4050 - Interactive Web Design (4050-1)

Course Units: 3

Spring 2021

Meeting days: Monday & Wednesday	Instructor: Andrew Cramer
Meeting times: 1:20 PM - 3:40 PM	Phone: 724 516 5886
Meeting Location: Mondays - Ryan Library, Room LW220 Wednesdays - Cabrillo 101 Zoom - https://pointloma.zoom.us/j/91087192844 _(https://pointloma.zoom.us/j/91087192844)	Primary Email: acramer@pointloma.edu
Final Assignment Due: Final projects will be presented on Wednesday May 4, 1:30 PM - 4:00 PM	Office Hours: I am available Monday 9:30 AM - 5:00 PM, Tuesday 9:30 PM- 3:30 PM, and Wednesday 9:30 AM - 5:00 PM. Send an email to schedule a time to meet.

PLNU 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 is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

COURSE DESCRIPTION

In this course, we will explore the creative, technical, and strategic dimensions of interaction design. Through readings, lectures, and projects, you will learn and confidently apply the skills necessary to create digital products that are usable, viable, and feasible. You will also participate in team activities designed to help you become more comfortable with a culture of speed and collaboration.

We will cover a range of topics—from usability testing to interactive design systems. By the end of the term you will have built both a portfolio site to showcase your work and stories of your project experience.

Prerequisite(s): [ART 3050](https://catalog.pointloma.edu/search_advanced.php?cur_cat_oid=46&search_database=Search&search_db=Search&cpage=1&ecpage=1&ppage=1&spage=1&tpa) [.\(https://catalog.pointloma.edu/search_advanced.php?cur_cat_oid=46&search_database=Search&search_db=Search&cpage=1&ecpage=1&ppage=1&spage=1&tpa](https://catalog.pointloma.edu/search_advanced.php?cur_cat_oid=46&search_database=Search&search_db=Search&cpage=1&ecpage=1&ppage=1&spage=1&tpa) or consent of instructor.

COURSE LEARNING OUTCOMES

This course is the second in a three part series that takes students from understanding web technology and languages through to using design as a method for solving the world's biggest challenges. In ART4050 we will focus on the role of UX in Product Design — an emerging field that requires designers to navigate business strategy and technical constraints all while designing for the user experience. By the end of the semester you will have a stronger understanding of how User Experience (UX) designers develop systems of affordances that can help improve peoples' day-to-day lives. You will be able to conceptualize and validate digital product concepts with an understanding of what it would take to launch in the real-world.

REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES

Required readings and videos will be provided to you when they are assigned. Students will author written responses based on prompts via the Canvas Discussion module before the start of the following class.

Below are recommended books that are companion texts for this course — these are *not* required readings for the course.

1. [The Design of Everyday Things](http://the%20design%20of%20everyday%20things:%20Revised%20and%20Expanded%20Edition/) (<http://the%20design%20of%20everyday%20things:%20Revised%20and%20Expanded%20Edition/>), Don Norman
2. [Microinteractions](https://www.amazon.com/Microinteractions-Full-Color-Designing-Details-ebook/dp/B00FRSNHIW/ref=sr_1_2?keywords=microinteractions+dan+saffer&qid=1637364158&qsid=135-7812086-9727657&s=digital-text&sr=1-2&sres=B00FRSNHIW%2CB00JVLEZIW&srpt=ABIS_BOOK) (https://www.amazon.com/Microinteractions-Full-Color-Designing-Details-ebook/dp/B00FRSNHIW/ref=sr_1_2?keywords=microinteractions+dan+saffer&qid=1637364158&qsid=135-7812086-9727657&s=digital-text&sr=1-2&sres=B00FRSNHIW%2CB00JVLEZIW&srpt=ABIS_BOOK), Dan Saffer
3. [Well-Designed: How to Use Empathy to Create Products People Love](https://www.amazon.com/Well-Designed-Empathy-Create-Products-People-ebook/dp/B00NE6MFUA/ref=tmm_kin_swatch_0?encoding=UTF8&qid=1641508581&sr=8-3) (https://www.amazon.com/Well-Designed-Empathy-Create-Products-People-ebook/dp/B00NE6MFUA/ref=tmm_kin_swatch_0?encoding=UTF8&qid=1641508581&sr=8-3), Jon Kolko

REQUIRED SOFTWARE

Sketch
Keynote
Trello
Slack

COURSE CREDIT HOUR INFORMATION

In the interest of providing sufficient time to accomplish the stated Course Learning Outcomes, this class meets the PLNU credit hour policy for a 3 unit class delivered over 14 weeks. Specific details about how the class meets the credit hour requirement can be provided upon request. (Based on 37.5 hours of student engagement per credit hour.)

Distribution of Student Learning Hours

Category	Time Expectation in Hours
Class Participation in Discussions, Groups, etc.	40
Reading Assignments	10
Written Assignments	2.5

Other Assignments & Learning Activities	60
Total Hours	112.5

ASSESSMENT AND GRADING

Over the course of the semester you will have four major assignments to work on. Final grades will be locked in at the end of the semester. Final grades will be posted within one week of the end of the class. In addition to your 4 major assignments you will be graded on written responses to assigned readings. Final grades will be based on the following:

Assignment	Total Points
The Quantitative Self App	100
DeliverMe™ Project	200
Design Language System	100
PLNU Wayfinding Interactive Display	200
Web Portfolio	100
Readings and Written Response Homework	200
Attendance & Class Participation	100
Total Points Possible	1000

Standard Grade Scale Based on Percentages

A	B	C	D	F
A 93-100	B+ 87-89	C+ 77-79	D+ 67-69	F Less than 59
A- 90-92	B 83-86	C 73-76	D 63-66	
	B- 80-82	C- 70-72	D- 60-62	

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>) to view which states allow online (distance education) outside of California

INCOMPLETE AND LATE ASSIGNMENTS

All assignments are to be submitted/turned in by the beginning of the class session when they are due—including assignments posted in Canvas. Incompletes will only be assigned in extremely unusual circumstances.

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.

PLNU ACADEMIC HONESTY POLICY

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](http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278) [_\(http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278\)](http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278) for definitions of kinds of academic dishonesty and for further policy information.

PLNU ACADEMIC ACCOMMODATIONS POLICY

While all students are expected to meet the minimum standards for completion of this course as established by the instructor, students with disabilities may require academic adjustments, modifications or auxiliary aids/services. At Point Loma Nazarene University (PLNU), these students are requested to register with the Disability Resource Center (DRC), located in the Bond Academic Center. (DRC@pointloma.edu (<mailto:DRC@pointloma.edu>) or 619-849-2486). The DRC's policies and procedures for assisting such students in the development of an appropriate academic adjustment plan (AP) allows PLNU to comply with Section 504 of the Rehabilitation Act and the Americans with

Disabilities Act. Section 504 (a) prohibits discrimination against students with special needs and guarantees all qualified students equal access to and benefits of PLNU programs and activities. After the student files the required documentation, the DRC, in conjunction with the student, will develop an AP to meet that student's specific learning needs. The DRC will thereafter email the student's AP to all faculty who teach courses in which the student is enrolled each semester. The AP must be implemented

<https://canvas.pointloma.edu/courses/60225>

faculty who teach courses in which the student is enrolled each semester. This AP must be implemented in all such courses.

If students do not wish to avail themselves of some or all of the elements of their AP in a particular course, it is the responsibility of those students to notify their professor in that course. PLNU highly recommends that DRC students speak with their professors during the first two weeks of each semester about the applicability of their AP in that particular course and/or if they do not desire to take advantage of some or all of the elements of their AP in that course.

PLNU ATTENDANCE AND PARTICIPATION POLICY

ATTENDANCE

Regular and punctual attendance at all classes is considered essential to optimum academic achievement. If you are absent from more than 10 percent of class meetings, I may file for de-enrollment. If the absences exceed 20 percent, you may be de-enrolled without notice until the university drop date or, after that date, receive the appropriate grade for your work and participation. See [Academic Policies](http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278) [_\(http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278\)](http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278) in the Undergraduate Academic Catalog.

SPIRITUAL CARE

Please be aware PLNU strives to be a place where you grow as whole persons. To this end, we provide resources for you to encounter God and grow in their Christian faith.

If you have questions, a desire to meet with the chaplain or have prayer requests you can contact the [Office of Spiritual Development](https://www.pointloma.edu/offices/spiritual-development) [_\(https://www.pointloma.edu/offices/spiritual-development\)](https://www.pointloma.edu/offices/spiritual-development)

USE OF TECHNOLOGY

In order to be successful in the online environment, you'll need to meet the minimum technology and system requirements; please refer to the [Technology and System Requirements](https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349) [_\(https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349\)](https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349) information.

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

Course Summary:

Date	Details	Due
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Date	Details	Due
Thu Mar 4, 2021	 In Class Assignment https://canvas.pointloma.edu/courses/60225/assignments/726514	due by 11:59pm
Fri Apr 16, 2021	 In Class Assignment https://canvas.pointloma.edu/courses/60225/assignments/726515	due by 6:30pm
Fri Jun 11, 2021	 Final Assignment: PLNU - Interactive Way Finding System https://canvas.pointloma.edu/courses/60225/assignments/726513	due by 11:59pm
Tue Jan 11, 2022	 ART4050-1 SP22 - Interactive Web Design https://canvas.pointloma.edu/calendar?event_id=119858&include_contexts=course_60225	1:20pm to 3:35pm
Wed Jan 12, 2022	 ART4050-1 SP22 - Interactive Web Design https://canvas.pointloma.edu/calendar?event_id=120939&include_contexts=course_60225	1:25pm to 3:25pm
Wed Jan 19, 2022	 ART4050-1 SP22 - Interactive Web Design https://canvas.pointloma.edu/calendar?event_id=121842&include_contexts=course_60225	1:20pm to 3:50pm
Mon Jan 24, 2022	 ART4050-1 SP22 - Interactive Web Design https://canvas.pointloma.edu/calendar?event_id=121843&include_contexts=course_60225	1:20pm to 3:50pm
	 Reading Assignment 1 https://canvas.pointloma.edu/courses/60225/assignments/763803	due by 1:20pm
Wed Jan 26, 2022	 ART4050-1 SP22 - Interactive Web Design https://canvas.pointloma.edu/calendar?event_id=121844&include_contexts=course_60225	1:20pm to 3:50pm
	 Reading Assignment 3 https://canvas.pointloma.edu/courses/60225/assignments/752907	due by 11:59pm

Date	Details	Due
Mon Jan 31, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121845&include_contexts=course_60225)	1:20pm to 3:50pm
	 The Quantified Self (https://canvas.pointloma.edu/courses/60225/assignments/733138)	due by 1:20pm
Wed Feb 2, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121846&include_contexts=course_60225)	1:20pm to 3:50pm
Mon Feb 7, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121847&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Feb 9, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121848&include_contexts=course_60225)	1:20pm to 3:50pm
Mon Feb 14, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121849&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Feb 16, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121850&include_contexts=course_60225)	1:20pm to 3:50pm
Mon Feb 21, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121851&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Feb 23, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121852&include_contexts=course_60225)	1:20pm to 3:50pm

Date	Details	Due
Mon Feb 28, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121853&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Mar 2, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121854&include_contexts=course_60225)	1:20pm to 3:50pm
	 DeliverMe™ Project (https://canvas.pointloma.edu/courses/60225/assignments/734532)	due by 11:59pm
Mon Mar 7, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121855&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Mar 9, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121856&include_contexts=course_60225)	1:20pm to 3:50pm
Mon Mar 14, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121857&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Mar 16, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121858&include_contexts=course_60225)	1:20pm to 3:50pm
Mon Mar 21, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121859&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Mar 23, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121860&include_contexts=course_60225)	1:20pm to 3:50pm

Date	Details	Due
	 Design Language System (https://canvas.pointloma.edu/courses/60225/assignments/734534)	due by 11:59pm
Mon Mar 28, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121861&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Mar 30, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121862&include_contexts=course_60225)	1:20pm to 3:50pm
Mon Apr 4, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121863&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Apr 6, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121864&include_contexts=course_60225)	1:20pm to 3:50pm
Mon Apr 11, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121865&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Apr 13, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121866&include_contexts=course_60225)	1:20pm to 3:50pm
	 PLNU Wayfinding Kiosk Design (https://canvas.pointloma.edu/courses/60225/assignments/734536)	due by 11:59pm
Mon Apr 18, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121867&include_contexts=course_60225)	1:20pm to 3:50pm

Date	Details	Due
Wed Apr 20, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121868&include_contexts=course_60225)	1:20pm to 3:50pm
Mon Apr 25, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121869&include_contexts=course_60225)	1:20pm to 3:50pm
Wed Apr 27, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121870&include_contexts=course_60225)	1:20pm to 3:50pm
Mon May 2, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121871&include_contexts=course_60225)	1:20pm to 3:50pm
Wed May 4, 2022	 ART4050-1 SP22 - Interactive Web Design (https://canvas.pointloma.edu/calendar?event_id=121872&include_contexts=course_60225)	1:20pm to 3:50pm
	 Web Portfolio Project (https://canvas.pointloma.edu/courses/60225/assignments/735748)	due by 11:59pm