

Pima Community College

Course Syllabus

Campus/Center: West Campus

Room Number: SANCAT CG11

Course Number: DAR 257

Course Title: Web Design II

CRN: 14134

Course Description: Theory, survey, and practice of designing and developing advanced website and application interfaces. Includes using basic Hypertext Preprocessor (PHP), designing and adding content to a MySQL database, creating a WordPress theme; using advanced HyperText Markup Language (HTML) Cascading Style Sheet (CSS), and JavaScript code; formatting multimedia content, and best practices in web design.

Course Prerequisites: DAR 221 and 256

Course Co-requisites: None

Required Textbook(s):

Adobe Dreamweaver CC 2014 Release (w/Bind-In Access)
Edition: N/A

Author: Maivald
ISBN: 9780133924404
Copyright Year: 2015
Publisher: Adobe Press

WordPress: the Missing Manual Edition: 2nd

Author: Macdonald
ISBN: 9781449341909
Copyright Year: 2014
Publisher: O'Reilly Media, Incorporated

Other Course Materials: Flash drive or portable hard drive for storing files, earbud-style headphones

Instructor: Greg Loumeau

Office Location: SANCAT CG16

Electronic Office Hour: 9:30 – Noon

Office Hours: Tuesdays, Noon – 2:30pm

Instructor Phone: (520) 206-6904

Instructor Email: gjloumeau@pima.edu

Technical Support Phone: (520) 206-6053

Supervisor Phone: (520) 206-6690

Start Date: 8/26/15

End Date: 12/15/15

Website: <http://pima.dreamco.com>

Class Meeting Days: Tuesday

Class Meeting Time: 5:40 – 7:55pm

Student Withdrawal Deadline: 11-12-15

Final Exam or Final Activity Date: 12/15/15

1 www.pima.edu

This syllabus is a guide for the course and is subject to change at the discretion of the instructor with notice to students.

Outline:

Course Outline	
I. Use Basic Hypertext Preprocessor (PHP) <ul style="list-style-type: none">A. Syntax, variables, data typesB. String functions, constants, and operatorsC. Loops, functions, and arrays	V. Use Advanced HTML Code <ul style="list-style-type: none">A. Browser support for advanced HTMLB. Footer, header, navigation, and section tagsC. Canvas, video, and audio tags
II. Design a Simple MySQL Database <ul style="list-style-type: none">A. Planning the databaseB. Creating the database with phpMyAdminC. Create a login page	VI. Use Advanced CSS Code <ul style="list-style-type: none">A. Transitions, animations, and transformationsB. Borders, backgrounds, and gradientsC. Fonts and text effects
III. Add Content to a MySQL Database <ul style="list-style-type: none">A. InsertB. EditC. Delete	VII. Utilize Advanced JavaScript Code <ul style="list-style-type: none">A. Variables, data types, and objectsB. Functions, operators, and comparisonsC. Conditions, loops, and validation
IV. Create a WordPress Theme <ul style="list-style-type: none">A. Choosing the right sandbox starter themeB. Modifying existing files	VIII. Formatting Multimedia Content <ul style="list-style-type: none">A. VideoB. AudioC. AnimationsD. Games
C. Creating new templates	IX. Utilize Best Practices in Web Design <ul style="list-style-type: none">A. Use a best practices checklistB. Developing for the semantic web
	C. Validating projects

MyPima.pima.edu – MyPima is a course tool used as means of communication and/or for accepting course work. Your instructor will guide you in how it may be used in your course. Through MyPima you can also register and pay for classes, check your financial aid, access your student email, view your schedule, and read college-wide announcements.

MyPima also provides access to your online courses by linking to D2L, the College online learning system. You will use D2L to access your online course material, submit assignments, access grades and communicate with your instructors and classmates.

Student Learning Outcomes:

Upon successful completion of the course, the student will be able to:

- Develop basic PHP using syntax, variables, data types, string functions, constants, operators, loops, functions and arrays.
- Design a simple MySQL database by planning the database, and creating the database and a login page.
- Add content to a MySQL database using the insert, edit, and delete functions.
- Create a WordPress site by choosing the right theme, modifying existing files, and creating new templates.
- Develop advanced HTML code to create browser-supported website navigation, audio and video tags.
- Demonstrate the ability to develop website and application interfaces using advanced CSS code.
- Utilize advanced JavaScript code.
- Format video, audio, animations, and games for inclusion in multimedia applications.
- Describe best practices in web design, including the use of: checklists, semantic web, and procedures for validating projects.

Academic Integrity

All PCC students are considered to be responsible individuals and are accountable for their own behavior. The College expects students to obey local, state and federal laws, and to follow the Student Code of Conduct. PCC has zero tolerance toward student acts of plagiarism. Plagiarism, as defined in the Student Code of Conduct, "includes representing the work of another person as one's own, including information downloaded from the Internet. The use of another person's words, ideas, or information without proper acknowledgment also constitutes plagiarism." The Student Code of Conduct is specific with regard to the academic ethics sanctions for plagiarism: <https://www.pima.edu/current-students/code-of-conduct/docs/Student-Code-of-Conduct.pdf>

Student Official Withdrawal from Class

A student may withdraw him/herself from the class by the Student Withdrawal Deadline listed above and a grade of 'W' will be recorded on the transcript. It is strongly recommended that you speak with faculty and a financial aid staff member before deciding to withdraw. Visit <http://www.pima.edu/paying-for-school/financial-aid/managing-award/dropping-or-withdrawing.html> to determine how dropping or withdrawing from class may have a negative impact your Standards of Academic Progress, financial aid, and/or scholarships. Review the Standards of Academic Progress at <http://www.pima.edu/new-students/register-for-classes/academic-progress.html> to understand the criteria required for and consequences of official withdrawals.

Attendance Requirements

Throughout the term, students must substantively participate in such a way as to ensure successful completion of the course by the end of the term (i.e. regularly submit assignments and continue to interact with other students and the course instructor). Students must complete at least one academic task per week/7-day period (including during the first 7 days of the course) that will serve as documented active participation. Faculty have the responsibility of noting whether the student is present or not using Attendance Tracker. ****Students in a 16-week class who do not actively participate in the class by 9/8/15 will be dropped from the class.** This may result in adverse financial consequences such as a change in financial aid, veterans' benefits, and/or other benefits related to being a student. Examples of active participation include (but are not limited to):

- attending class during each scheduled face-to-face session
- participating in a class-related activity each week/7-day period such as attending a faculty-organized study session, working on course content in a supervised center, or meeting with the instructor face-to-face or online
- completing a class-related task such as an interactive tutorial or computer-assisted instructional activity
- completing an assessment during each week/7-day period; the assessment might address content that should have been learned to date or might be in the form of a progress self-assessment**
- posting academically-related communications regarding course content
- academically-participating in a discussion
- signing in via an Accutrack-type system for the on-site component in an on-campus (and possibly self-paced) class
- note that simply logging on to D2L or other computer-based systems does not meet the federal guidelines for active participation.

Financial Aid, Veteran's Benefit, and other student Benefits

Your financial aid, veteran's, and other benefits from PCC and external agencies are contingent on your participation, performance, and compliance with guidelines set by the College the benefit providers. Please see a student financial aid advisor, veteran's benefits advisor, or other agency advisor for information on your benefits, your status with those benefits, and other items of which you should be aware.

American Disabilities Act (ADA) Policy Statement

PCC is committed to providing accommodations for qualified individuals with disabilities in a timely and effective manner. To request a reasonable accommodation, students must be registered with the campus Access and Disability Resources (ADR) office. Accommodations will be made based on eligibility determined by Access and Disability Resources. Services can be requested at any time during the semester. Requesting services well in advance will help to ensure that resources are available when needed. Please contact the ADR office at 206-6688 or ADRHelp@pima.edu.

FERPA Statement

Subject to certain exceptions set forth in the Federal Family Education Rights and Privacy Act (FERPA) of 1974, Pima Community College will not provide personally identifiable student information (including but not limited to grades, billing, tuition and fees assessments, financial aid and other student records) to third parties absent the student's consent. Third parties include parents, spouses, siblings, and third party sponsors. You (the student) may grant Pima Community College permission to release certain information to a third party by submitting the FERPA Release form:

<https://pima.edu/current-students/code-of-conduct/ferpa/index.html>. Ask a staff member for a copy of the form BEFORE you arrive with a third party.

Mandatory Reporting

Arizona's Mandatory Reporting Law (A.R.S. 13-3620): Pursuant to Arizona law (A.R.S. §13-3620), College personnel, including faculty, staff, and administrators, who learn in the course and scope of their employment that minor (defines as under 18 years of age) has been the victim of physical or sexual abuse, are required to report this information immediately to law enforcement.

Arizona's Mandatory Reporting of Sexual Violence and/or Sexual Offenses (A.R.S. 13-14xx) Pursuant to Arizona law (A.R.S. §13-14xx) and Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistic Act: 34 CFR Part 668:), College personnel, including faculty, staff, and administrators, who learn in the course and scope of their employment that an individual has been a victim of sexual violence, or is informed about an alleged sexual offence shall as soon as possible, contact the Department of Public Safety.

Digital Arts Department Copyright Policy:

- You must receive copyright permission for all non-public domain media used in your film, video or graphics projects. Public domain material can be found at www.publicdomain.org and www.creativecommons.org.
- Any content accessed, downloaded, printed and copied must be accompanied by an acknowledgement of copyright. It is forbidden to sell, license, copy or reproduce media contents in whole or in part, in any manner, for commercial purposes, without the prior written consent of the author. No material appearing in Digital Arts Department projects may be modified, reproduced or transmitted in any form or medium or by any means without the written permission of the copyright holder. For more specific information Access this site: Copyright information for the Artist. <http://www.up.edu/showimage/show.aspx?file=6651>
- I encourage you to use original images for your projects. Do not use images from the Digital Arts file servers.

General Campus Conduct

Visitors are not allowed in class sessions or on field trips.

Possession of drugs, alcohol or firearms are not allowed on college property per College policy.

Smoking, e-cigarettes and soliciting are not allowed in classrooms. Smoking is only permitted in designated smoking areas.

Any item that is used in a way that is disruptive to the classroom is not allowed. Such items may include cell phones, pagers and any other electronic devices that distract students. Animals are not allowed in the classroom as per SPG-3603/BA. Visit

<https://www.pima.edu/about-pima/policies/standard-practice-guides/SPG-3603-BA.html>

General Campus Conduct (continued)

Students creating disturbances that interfere with the conduct of the class or the learning of others, violates the Student Code of Conduct. Students will be referred to an administrator. Disruptive behavior will not be tolerated and can be cause for being dropped from the class. Disruptive behavior disrupts the learning process. Examples of disruptive behavior can be inappropriate talking, arriving late or leaving early, sleeping in class, etc.

Resources For Online/Hybrid D2L Students

Technical Support

If you have a technical difficulty, please request help using the widget on the homepage, or by email at pimaonline@pima.edu or by phone (520) 206-4800. Your call will be returned with 24 hours.

Habits of Successful Online Students

There is a course Schedule of Work located in the course Syllabus module. It provides the schedule for completing the required work in each module. This Schedule of Work will help you manage your time so that you can set a pace for yourself to complete the course work.

Good habits include:

Check the Syllabus, Schedule of Work, and instructor communications such as emails or announcements (News) at least three times a week for information to keep you informed and on track. Good communication, sound time management, and persistence are the keys to success in this class.

Online Etiquette

All participants in the class are required to practice online etiquette – all posting, whether in emails, discussions or chat, are to be courteous and in language appropriate for an academic setting. Participants must avoid offensive and conformational comments, and the instructor retains the right to delete any posting deemed inappropriate. For more information, read about Netiquette: <http://www.albion.com/netiquette/corerules.html>.

D2L Technical Support

- Phone: 520-206-4800
- Email: pimaonline@pima.edu
- Create a Help Desk Ticket: <http://goo.gl/tXOckD>

MyPima Help Desk

- Phone: 520-206-4800
- Email: MyPimaHelpDesk@pima.edu
- Live Chat: <https://goo.gl/FkVH2g>
- Student Email and Account FAQ: <https://www.pima.edu/web/mypima/general-faq/>

Student Resources

Learning Centers (tutoring):

Desert Vista 520-206-5061
Downtown 520-206-7311
East 520-206-7863
Northwest 520-206-2126
West 520-206-6819

Library:

Community 520-206-6323
Desert Vista 520-206-5095
Downtown 520-206-7267
East 520-206-7693
Northwest 5250-206-2250
West 520-206-6821

Testing and Assessment Centers:

Community 520-206-6454
Desert Vista 520-206-5045
Downtown 520-206-7254
East 520-206-7874
Northwest 520-206-2212
West 520-206-6648

Computer Commons (Academic Computing):

Community 520-206-6323
Desert Vista 520-206-5091
Downtown 520-206-7311
East 520-206-7861
Northwest 520-206-2127
West 520-206-6042

Course Grade Determination

Assignments

Type of Assignment	Method
Projects	Assignments handed out by the instructor, during classroom hours and additional lab time outside regular hours, if needed.
Final project	You will create a comprehensive project, that will contain all the elements of the previous projects. You will present it to the class during the final week.
Make-ups	You are able to fulfill your assignment at the subsequent class session (or up to 3 days after the last class session), with 10% of the points

Extra Credit Assignments: None

Grading Procedures and Policy

Type of Assignment	How many	Points for each	Total
Projects	2	250	500
Final project	1	500	500
		Total	1000
Minimum number of percentage points needed to receive a particular grade:			
A	90.00%	900	
B	80.00%	800	
C	70.00%	700	
D	60.00%	600	

Students will also be required to turn in one report and post comments on reports by other students on the class website.

The evaluation of your work is subjective, based on the instructor's experience in the field. Your work will be evaluated on the demonstration of following criteria:

- Fulfillment of goals outlined in the project description
- Following the specifications of the assignment
- Accuracy of the imaging techniques.
- Aesthetics
- Imagination and creativity.
- Your knowledge and facility of the current software
- The overall quality of work.
- Meeting deadlines.

Late Work

Late work will have points deducted based on how long past the deadline it is turned in. The instructor, at his discretion, may deduct as much as one letter grade for every day the work is late.

Course Policies and Procedures

Source Files

Save, Save, Save

- Save all work no matter how insignificant it may seem including step by step demos, modules and versions of proj.
- Save your work frequently while you are working on it.
- Save your work to multiple disks.

Attendance

Class attendance is mandatory. The only exceptions are for illness or emergency. Please inform the instructor if you are unable to attend either by phone or e-mail. Five points is deducted from your final grade for each unexcused absence. If you miss more than three classes for any reason you may be dropped from the class. Please see the active and continued participation statements below.

Active Participation (Academic Activity) by Students: Throughout the term, students must substantively participate in such a way as to ensure successful completion of the course by the end of the term (i.e. regularly submit assignments and continue to interact with other students and the course instructor). Students must complete at least one academic task per week/7-day period (including during the first 7 days of the course) that will serve as documented active participation. Examples include (but are not limited to):

- attending class during each scheduled face-to-face session
- completing a class-related task such as an interactive tutorial or computer-assisted instructional activity
- academically-participating in a discussion
- Students who do not actively participate* (see above definition) in the class by the drop deadline will be dropped from the class. This may result in adverse financial consequences such as a change in financial aid, veterans' benefits, and/or other benefits related to being a student (see [PCC BP 3108](https://www.pima.edu/about-pima/policies/board-policies/BP-3108.html)). <https://www.pima.edu/about-pima/policies/board-policies/BP-3108.html>)

Continued Participation: If the student begins the course but does not actively participate* as per the above definition for 10 consecutive calendar days, the student's record will be flagged with the Registered but Not Attending (RN) status. The College will initiate contact to determine whether the student intends to return to the course. If the College is unable to confirm the student's intent to return, the student will be considered unofficially withdrawn for purposes such as Financial Aid and Veterans' Benefits and adverse consequences may result for the student. (See [PCC BP 3103](https://www.pima.edu/about-pima/policies/board-policies/BP-3103.html).)

Missed Classes

If you miss a class, it is your responsibility to make up work missed during your absence. Write the contact information of at least two other students in the class so that if you cannot attend a class, you can obtain the notes assignments or other materials that you missed. Do not email the instructor asking what you missed in class these e-mails will not be answered. Check the blog for assignments and postings. The assignments are posted at the beginning of each week of class.

Late Arrival

Don't be late to class. The lecture begins promptly at the beginning of class. If you are late for class, you will miss valuable information. Three unexcused late arrivals is equal to one unexcused absence.

Cell-Phones, Earphones, Web Surfing, Texting and Chatting

Mobile devices have become an increasing source of distraction in the classroom. Turn off cell phones when you enter class and remove earphones from your ears during the lecture. Do not surf the web during the lecture or go to social networking sites. If you wear earphones, text, chat or surf the web during the lecture, you will be marked absent from the class.

Class Schedule

Week	Description	Reading	Assignments	Due Dates
Week 1 8/25/14	No class	School starts Wednesday	We start Tuesday	
Week 2 9/01/15	Syllabus, Cintiqs, Assignment – Database design	PHP	Project 1a	Due 09/08/15
Week 3 9/08/15	PHP + MySQL = dynamic	MySQL database		Project 1a due
Week 4 9/15/15	Advanced HTML Code, Assignment	MySQL database	Project 1b	Due 9/29/15
Week 5 09/22/15	Advanced CSS Code, WordPress book	Chapter 13: Editing Themes		
Week 6 09/29/15	Dynamic websites, Critique Project 1	Chapter 14: Building an Advanced WP Site		Project 1b due
Week 7 10/06/15	Advanced JavaScript Code	Theme customization		
Week 8 10/13/15	Assignment	Mobile themes	Project 2	Due 11/10/15
Week 9 10/20/15	Formatting Multimedia Content	E-commerce		
Week 10 10/27/15	Validating Projects	Plugins		
Week 11 11/03/15	Best Practices in Web Design	Customize theme		
Week 12 11/10/15	Critique Project 2	Customize theme		Project 2 due
Week 13 11/17/15	Assignment	Work on Project 3	Project 3	Due 12/15/15
Week 14 11/24/15		Work on Project 3		
Week 15 12/01/15		Work on Project 3		
Week 16 12/08/15		Work on Project 3		
Week 17 12/15/15		Work on Project 3		Project 3 Due

Acknowledgment of Receipt of Syllabus

Please sign and return the following Receipt of Syllabus.

I _____ (student's first and last name, printed) have read the policies contained in Greg Loumeau's _____ (course title and semester) course syllabus. I understand these policies and agree to abide by them, which I am indicating by signing below.

Student Signature:

Student Pima Email Address: