

Web Design and Development

TECH 26310 - Fall 2015

Instructor Information

Instructor

Jessica Gardner

Email

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Office Location & Hours

M & W, 10:30am-11:30 am
220X, Aeronautics and Technology
Building

General Information

Description

This class provides an introduction to web development and programming. We will be learning concepts, principles, techniques, and methods associated with current best practices in the design and implementation of web pages and Internet-based applications. This will include fundamentals of web site and web page creations, development and maintenance; web page programming languages; and web client and server technologies.

Expectations and Goals

By the end of this class, you should have the following skills and knowledge:

- Understanding of how to create web page content using hypertext markup language (HTML);
- Understanding of how to style web pages using cascading style sheets (CSS);
- Understanding of how to add web site function using JavaScript;
- Understanding of information architecture and user experience considerations in the design of web sites;

Course Format

This class is 100% web-based. There are no in-person meetings (unless you physically come to office hours). You may choose when during each week to devote time to your coursework. It may be helpful to set aside the same time each week to “come to class” and work on the reading, quizzes and assignments. The format for each week may vary slightly but will generally consist of the following:

- Recorded lectures (presented as videos on KSU Tube)
- Other video instructions
- A discussion topic to respond to
- Reading assignments
- Quizzes on that week’s readings
- Weekly assignments incorporating that week’s material

Each week, there will be a folder on Blackboard containing the materials for that week. If you log in and open that week’s folder, there will be an overview of what to do as well as links to the individual course components. For the sake of steady pacing, materials will be released one week at a time. I will post materials for the upcoming week by Saturday night. You should complete each week’s assignments by the following Sunday at midnight.

Required Materials

This is an online course. Thus, you will need a computer to access course materials. If you do not own a personal computer, there are a number of computer labs on campus where you can do your work. The main library is open 24 hours a day during the academic semester and has a vast bank of computers available for student use.

You will also need internet access to take this course. The university runs a strong wireless network that you can connect to as a student. For more information on FlashZone WPA, see <http://flashzone.kent.edu/>

All course materials will be available through Blackboard. You can access Blackboard at <https://learn.kent.edu>

Required Text

Most of our work will be from the following text:

Internet and World Wide Web How to Program, 5th Edition, by Deitel, Paul et al. (ISBN: 9780132151009)

The readings from this book (and any other readings we may use) are available in electronic format from the Kent State University library. I will provide links to the relevant chapters on Blackboard. You can also access the texts directly from the library catalog.

If you are on campus, you can search the library catalog, KentLINK (<http://kentlink.kent.edu>) for the title or ISBN and click the link to access the full text.

If you are off-campus, you must use the Cisco VPN service to gain remote authentication to library resources. Instructions for installing and connecting through the VPN can be found here:

<http://www.library.kent.edu/help/connect-from-off-campus> . Once you have established a VPN connection, follow the instructions above to search the library catalog and access the textbook. You can access Blackboard without a VPN connection, but you will not be able to access library materials until you connect to the VPN.

Library staff are available via phone, e-mail and chat and are happy to help with any questions regarding accessing course materials.

KentLINK Library Catalog

Libraries | Research | Journal Finder | E-books | Help
New Materials | Hot Topics | My Library Account

Start Over | Add to Folder | MARC Display | Return to List | Limit / Sort Search | Another Search | OhioLINK Central

(Search History)

TITLE internet and world wide web how to p View Entire Collection System Sorted
Search
☐ Limit results to available items

Record 2 of 2
Previous Next

Author Deitel, Paul J
Title Internet & World Wide Web : how to program / Paul Deitel, Harvey Deitel, Abbey Deitel
Publication Boston : Pearson, [2012]
Copyright ©2012
Edition Fifth edition

[Information at Google Book Search](#)

[Connect to this resource online](#)
[Connect to this resource online \(off-campus acces\)](#)

Full Record Find Similar Items Permalink Add to RefWorks Printer-friendly

Location	Online Resource
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Course Schedule

Week	Topic
8/31	Introduction to Computers, the Internet and HTML
9/7	HTML Continued
9/14	Information Architecture, User Experience, & Design Principles
9/21	Cascading Style Sheets
9/28	Cascading Style Sheets continued
10/5	Introduction to JavaScript
10/12	JavaScript Continued
10/19	JavaScript Continued
10/26	JavaScript Continued
11/2	JavaScript Continued
11/9	The Document Object Model
11/16	JavaScript Event Handling
11/23	XML and XHTML
11/30	Ajax
12/7	Web Server Configuration
12/14	Finals Week - Final Project Due

Grading Criteria

Your final grade will be based on web development assignments, reading comprehension quizzes, participating in online discussions, and a final project. Discussions, assignments, and quizzes will be due every week. The final project will be due by the end of finals week.

More information about the final project will come mid-semester.

Assignment	Weight
Discussion	5%
Assignments	40%
Quizzes	15%
Final Project	40%

Grading Scale

Final grades will be assigned on the basis of the following table:

Letter	Percentage	Letter	Percentage	Letter	Percentage	Letter	Percentage
A	93% and up	B	83-86%	C	73-76%	D	63-66%
A-	90-92%	B-	80-82%	C-	70-72%	D-	60-62%
B+	87-89%	C+	77-79%	D+	67-69%	F	59% and less

Course Policies and Expectations

Attendance

As this is an asynchronous online course, there is no attendance, per se. However, it is required that you log in to Blackboard on *at least* a weekly basis and complete the week's material. There will be an online question to answer or discussion to participate in every week. Discussion makes up 5% of your final grade.

Using Blackboard

All of our course content will be accessible on Blackboard (<http://learn.kent.edu>). I will post the week's work inside a folder for that week. Weekly content will be posted by Saturday of the prior week.

Late Submissions

Deadlines for assignments are set to help you manage the workload for this course. I assume that you will submit your work on time. If you are unable to submit an assignment by its due date, please contact me. Late submissions that we have not discussed will be subject to a 5% reduction in grade per day past the deadline.

University Policies and Expectations

The following policies and procedures apply to students enrolled at Kent State University.

For a complete listing of university policies, please visit the policy register page at <https://www.kent.edu/policyreg>

Course enrollment and withdrawal

University policy requires all students to be officially registered in each class they are attending. Students who are not officially registered for course by publish deadlines should not be attending classes and will not receive credit or a grade for the course. Each student must confirm enrollment by checking his/her class schedule (under Student Tools in FlashFAST) prior to the deadline indicated. Registration errors must be corrected prior to the deadline.

To determine the last dates to drop or withdraw from the course, visit <http://www.kent.edu/registrar/fall-important-dates>

Withdrawal from any or all courses is permitted through the 10th week of the semester (or the prorated deadline for flexibly scheduled sections). After that time, students are considered to be committed to all remaining courses and must complete them. If students are unable to complete the semester because of extreme circumstances that first occur after the deadline, students should consult their college or campus dean's office. Any course withdrawals processed after the second week of the fall semester will appear on the students' academic record with a grade of "W". No approval is required to withdraw from a course during the withdrawal period. A "hold" on your record will prevent you from processing course withdrawals until all holds are cleared. Course withdrawal may impact degree progress. Therefore consult with your advisor prior to processing your course withdrawal

Incomplete grades

The administrative mark of IN (incomplete) may be given to students who are unable to complete the work due to extenuating circumstances. To be eligible, undergraduate students must be currently passing and have completed at

least 12 weeks of the semester. Graduate students must be currently earning a C or better grade and are unable to complete the required work between the course and the end of class. The timeline shall be adjusted appropriate for summer sessions and flexibly scheduled courses.

Appropriate documentation is generally required to support the extenuating circumstance. The student must initiate the request for the incomplete mark from the instructor, and it is the responsibility of the student to make up the incomplete work. Incomplete grades must be made up within one semester (not including summer sessions) for undergraduate students and one calendar year for graduate students. Unless the courses completed or an extension is granted, incomplete grades will automatically laps to the grade designated on the Incomplete Mark Form at the end of one semester for undergraduate students and at the end of one year for graduate students

University use of electronic mail

A university-assigned student e-mail account shall be an official university means of communication with all students at Kent State University. Students are responsible for all information sent to them via their university assigned e-mail account. If a student chooses to forward information in their university e-mail account, he or she is responsible for all information, including attachments, sent to any other e-mail account. To stay current with university information, students are expected to check their official university e-mail account and other electronic communications on a frequent and consistent basis. Recognizing that some communications may be time-critical, the university recommends that electronic communications be checked minimally twice a week.

Policy on cheating and plagiarism

The Kent State University Code of Student Conduct applies to both graduate and undergraduate students. Students are subject to dismissal or suspension for violations of the code. Violations that may result in academic dismissal include furnishing false or incomplete information to the university with Intent to deceive or forge, alter or misuse university documents or other official documents that serve as the basis for admission or graduation. Forgery or alteration of these documents may result in the revocation of a graduate degree or certificate.

Students enrolled in the university, at all campuses, are to perform their academic work according to standards set by faculty members, departments, schools and colleges of the university; and cheating and plagiarism constitute fraudulent misrepresentation for which no credit can be given and for which appropriate sanctions are warranted and will be applied. For more information, please see Kent State University Policy 3342-3-01.8

Students with disabilities

Kent State University Policy 3342-3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. Students seeking services must provide documentation of their specific disability. Although a student may be eligible for services, specific accommodations are not extended by Student Accessibility Services unless they are requested. A student has the right to choose to use only a few of the accommodations available or to completely refuse special help. If you require accommodations, please contact Student Accessibility Services V/TDD 330-672-3391 or visit the KSU Student Accessibility Services website at <http://www.kent.edu/sas>

Student survey of instruction evaluation

It is a standard practice of Kent State University to distribute and administer to the learners a confidential and anonymous questionnaire at the completion of the course. The results will be forwarded to the Instructor only at the completion of the class and the submission of all grades The Instructor will then incorporate the feedback received in future course offerings and in his or her continual improvement of the course. Please candidly and honestly describe your opinions of the strengths and weaknesses you experienced as a learner in the course.