American Public University System
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WEBD300

Course Summary

Course: WEBD300
Title: User Interface Design
Length of Course: 8
Faculty:
Prerequisites: WEBD121
Credit Hours: 3

Description

Course Description:

This course presents the principles and skills for how to design effective user interfaces for websites, with an emphasis on designing for mobile technologies. This course covers the content for the Certified Internet Web (CIW) User Interface Designer certification in the Web and Mobile Design Series. Emphasis is on how to apply key usability concepts and user analysis techniques; how to design for multiple platforms using suitable color schemes, formatting and topography; and how to collect information from customers, users, and market analysis to better address ease-of-use and to enhance website experiences for mobile users. (Prerequisite:
WEBD121)

Course Scope:

Objectives

Outline

Week 1: Introduction to User Interface Design

Learning Outcomes

Explain current trends in user interface design, such as mobile devices and responsive design techniques

Required Readings

Lesson 1

Assignments

- Week 1 Discussion
- Lesson 1 Quiz

Week 2: User Interface Design Process

Learning Outcomes

Outline user Interface design process

Required Readings

Lesson 2

Assignments

- Week 2 Discussion
- Assignment 2
- Lesson 2 Quiz

Week 3: User Centered Web Design

Learning Outcomes

Summarize branding considerations in relation to user interface design

Required Readings

Lesson 3

Assignments

- Week 3 Discussion
- Assignment 3
- Lesson 3 Quiz

Week 4: User Interface Design Principles and Legal Guidelines

Learning Outcomes

Apply interface design principles

Required Readings

Lesson 4

Assignments

- Week 4 Discussion
- Assignment 4
- Lesson 4 Quiz

Week 5: Color, Typography, Layout and Wireframing

Learning Outcomes

Apply essential usability concepts, including wireframing, color,clarity, ease of use, simplicity, layout detectability and typography

Required Readings

Lesson 5

Assignments

- Week 5 Discussion
- Assignment 5
- Lesson 5 Quiz

Week 6: Designing a Basic Web Site

Learning Outcomes

Design an interactive webpage user interface

Required Readings

Lesson 6

Assignments

- Week 6 Discussion
- Assignment 6
- Lesson 6 Quiz

Week 7: Navigation Concepts

Learning Outcomes

- Describe website navigation concepts
- Apply typical design templates

Required Readings

Lesson 7

Assignments

- Week 7 Discussion)
- Assignment 7
- Lesson 7 Quiz
- Week 7 Assignment: Final Project Due WK8

Week 8: Designing, Developing, Maintenance, and Security

Learning Outcomes

- Apply typical design templates
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Design an interactive webpage user interface

Required Readings

Lesson 8-9

Assignments

- Week 8 Discussion
- Lesson 8 Quiz
- Lesson 9 Quiz
- Week 7 Assignment: Final Project Due WK8

Evaluation

This course requires disciplined independent practice and individual completion of assignments. Although Distance Learning provides you with a flexible schedule to meet your professional, personal, and academic responsibilities, you are expected to follow the syllabus and submit assignments on time and on schedule. **Assignments and *initial* discussion posts may be submitted up to one week late, but will lose 5 points per day late.** For discussion *initial* posts, this means Thursday of the week following the due date. Follow-up posts will not receive any credit if posted after the due date (Sunday of the discussion week). After one week past the due date, assignments and initial discussion posts may not be submitted for credit. All work must be submitted by the end of the class session. **No** assignments will be accepted after the class end date.

Important Note: Due dates for all discussions and assignments are in **Eastern Time!** No exceptions. If you live in another time zone, plan accordingly and be aware of the time difference to ensure that you submit all of your work by the Eastern Time Zone deadlines each week.

Reading Assignments

Each week, you will be assigned chapters from the class textbook to read. You will be evaluated on your understanding of the material in your readings through your discussion contributions, assignments, and final project. In order to grasp the weekly course objectives and participate fully in the discussions, it is highly recommended that you read each week's assigned reading chapters before participating in the week's discussion and completing your weekly assignments.

Supplemental Readings

Students are encouraged to research weekly topics on the Internet and use their research findings in their discussion posts and weekly assignments to support their points.

Discussion Participation

Each week you will be expected to participate in a class discussion. Each week's discussion questions can be found on the discussion itself. Each one of you will have different and unique experiences and points of view related to the topics that we are learning each week, and we can all learn from each other by sharing our thoughts and ideas together on the discussion. Your participation in the discussions unleashes the power of synergy in our classroom. To facilitate this interaction, please be prompt when posting your discussion work for each week, allowing time for the others to actively engage in the dialogue.

Discussion Timing: Your initial post, with your answers to the week's questions, is due by 11:59 PM ET on Thursday each week, to allow adequate time for your classmates to read and reply to your posts. Your two follow-up posts are due by 11:59 PM ET on Sunday. Between Thursday and Sunday, be sure you read all of the follow-up posts to your own posts and reply to any questions or requests for clarification posted by your classmates or your instructor. In your posts, you are encouraged to conduct research and use other sources to support your answers.

Initial discussion posts may be submitted up to one week late (Thursday of the week following the initial due date), but will lose 5 points per day late. Follow-up posts will not receive any credit if posted after the due date. After one week past the due date, assignments and discussion initial posts may not be submitted for credit.

Discussion Guidelines:

- Your initial post in each discussion, answering the week's discussion questions, is due by 11:59 PM ET on Thursday each week.
- Initial responses should be own writing (not including your reference list).
- Do not include my questions or discussion prompts in your post. You may number your answers, but your post should contain only your own original writing.
- Write in complete sentences and full paragraphs and avoid using lists of any kind in your posts.
- Your initial post must be original in content and demonstrate a thorough analysis of the topic.
- Include your own personal experience related to the topic being discussed. If you do not have prior experience with web development, describe your experiences with learning web development each week in this course.
- You should also conduct research on the topic of discussion using outside sources, but use attribution to give your source credit.
- Write in your own words and avoid copying and pasting from other websites.
- If you do quote from a source, keep quotations to a minimum – I would rather see you express your own understanding of what you learned from your sources, in your own words.
- Reply to at least 2 of your classmates in each discussion by 11:59 PM ET on Sunday each week. Replies to classmates.
- For practical reasons, when you respond to other learners' posts, please start your response by addressing the student you are replying to by their name.
- Responses to classmates must be significant in content, to advance the discussion forward. Your responses should add additional insight to the discussion or challenge your classmates' opinions.
- You are encouraged to log into the classroom several times each week to participate in the class discussion on the discussion.
- Refer to the discussion and the Rubric for Grading (posted in each discussion) for more details on grading. Discussion postings are a significant part of your grade and I will be looking for quality and depth in your participation in the weekly discussions.

Exams/Quizzes

Each week you will take one or more quizzes on the **CIW Resources link**. You may take each quiz as many times as you wish on the CIW website, although you will only submit your highest score in the APUS classroom. You must score 75% or higher on all quizzes to receive credit for them. After taking each quiz, you will need to take a screenshot of your score on the CIW website and submit the screenshot (image file) of your quiz score along with your assignment each week, in the Assignments area of the classroom. **Important Note:** Your screenshot **must** be an actual image file (.jpg, .gif, .tiff, .png, etc.) and not a Word file. In order to receive credit for each quiz you must create an actual screen capture (image file) and not simply copy and paste your score.

Assignments

You will have an assignment due each week in this course. They will consist mostly of the creation of original Web pages, applying what you have learned each week. These assignments are designed to give you hands-on practice in designing Web pages with HTML, CSS, and JavaScript. Most weekly assignments will require you to create a Web page from scratch, applying the techniques you learned in that lesson, or to modify and build on Web pages that you created in previous weeks. Detailed instructions for each assignment will be posted in the Assignments area of the classroom at the beginning of each week.

Final Project

You will have a Final Project due at the end of Week 8. Detailed instructions for the final project will be posted in the Assignments area of the classroom at the beginning of Week 8.

Standards for Original Work:

All work submitted must be original work. Incidents of academic dishonesty will result in you failing the assignment, and repeat incidents will result in failing the course. I check discussion posts and assignments regularly for incidents of plagiarism and academic dishonesty. Please read and understand the University policy on academic dishonesty (Plagiarism Policy). When writing about ideas learned from your sources, you must summarize the ideas **in your own words** (rather than using direct quotations from your sources). Be sure to provide appropriate citations and references on your discussion posts and assignments to give credit to your sources for the ideas you are paraphrasing and writing about, even though you will not be directly quoting from your sources.

Grading:

Name	Grade %
Discussions	24.00 %
Week 1: Introduce Yourself	4.00 %
Week 2: User Interface Design Process	4.00 %
Week 4: User Interface Design Process: User Interface Design Principles and Legal Guidelines	4.00 %
Week 5: Color Typography Layout and Wireframing	4.00 %
Week 7: Navigation Concepts Designing and Developing	4.00 %
Week 8: The Next Course Enrollment Maintenance and Security	4.00 %
Quizzes	26.00 %
Week 1 Quiz	2.89 %
Week 2 Quiz	2.89 %
Week 3 Quiz	2.89 %
Week 4 Quiz	2.89 %
Week 5 Quiz	2.89 %
Week 6 Quiz	2.89 %
Week 7 Quiz	2.89 %
Week 8 Quiz Lesson 8	2.89 %
Week 8 Quiz Lesson 9	2.89 %
Assignments	35.00 %
Week 1 Assignment	5.00 %
Week 2 Assignment	5.00 %

Week 3 Assignment	5.00 %
Week 4 Assignment	5.00 %
Week 5 Assignment	5.00 %
Week 6 Assignment	5.00 %
Week 7 Assignment	5.00 %

Final Project	15.00 %

Week 7 Assignment: Final Project Due

15.00 %

WK8

Materials

Book Title: CIW User Interface Designer Academic Student Guide with Practice Exams - e-book available inside the classroom

Author: CIW **Publication Info:** CLASS-CIW

ISBN: 9780742334014

Software Requirements

- Any graphic Web Browser (Microsoft Internet Explorer 6+, Firefox, Opera 8, Google Chrome)

You will use the Certified Internet Web (CIW) Professionals Online Resources, which works well using Microsoft Edge, FireFox or Google Chrome browser. You may still use Internet Explorer, but you may experience a few problems viewing the videos.

- Any text editor (Notepad, Notepad++)

Additional Resources

Additional resources will also be embedded in the weekly Lessons.

Web Sites

In addition to the required course texts, the following public domain web sites are useful. Please abide by the university's academic honesty policy when using Internet sources as well. Note web site addresses are subject to change.

Site Name	Web Site URL/Address
World Wide Web Consortium	http://www.w3.org/ (W3C)

Course Guidelines

Citation and Reference Style

- Attention Please: Students will follow the APA Format as the sole citation and reference style used in written work submitted as part of coursework to the University. Assignments completed in a narrative essay or composition format must follow the citation style cited in the APA Format.

Tutoring

- Tutor.com offers online homework help and learning resources by connecting students to certified tutors for one-on-one help. AMU and APU students are eligible for 10 free hours* of tutoring provided by APUS. Tutors are available 24/7 unless otherwise noted. Tutor.com also has a SkillCenter Resource Library offering educational resources, worksheets, videos, websites and career help. Accessing these resources does not count against tutoring hours and is also available 24/7. Please visit the APUS Library and search for 'Tutor' to create an account.

Late Assignments

- Students are expected to submit classroom assignments by the posted due date and to complete the course according to the published class schedule. The due date for each assignment is listed under

each Assignment.

- Generally speaking, late work may result in a deduction up to 15% of the grade for each day late, not to exceed 5 days.
- As a working adult I know your time is limited and often out of your control. Faculty may be more flexible if they know ahead of time of any potential late assignments.

Turn It In

- Faculty may require assignments be submitted to Turnitin.com. Turnitin.com will analyze a paper and report instances of potential plagiarism for the student to edit before submitting it for a grade. In some cases professors may require students to use Turnitin.com. This is automatically processed through the Assignments area of the course.

Academic Dishonesty

- Academic Dishonesty incorporates more than plagiarism, which is using the work of others without citation. Academic dishonesty includes any use of content purchased or retrieved from web services such as CourseHero.com. Additionally, allowing your work to be placed on such web services is academic dishonesty, as it is enabling the dishonesty of others. The copy and pasting of content from any web page, without citation as a direct quote, is academic dishonesty. When in doubt, do not copy/paste, and always cite.

Submission Guidelines

- Some assignments may have very specific requirements for formatting (such as font, margins, etc) and submission file type (such as .docx, .pdf, etc) See the assignment instructions for details. In general, standard file types such as those associated with Microsoft Office are preferred, unless otherwise specified.

Disclaimer Statement

- Course content may vary from the outline to meet the needs of this particular group.

Communicating on the Discussion

- Discussions are the heart of the interaction in this course. The more engaged and lively the exchanges, the more interesting and fun the course will be. Only substantive

comments will receive credit. Although there is a final posting time after which the instructor will grade comments, it is not sufficient to wait until the last day to contribute your comments/questions on the discussion. The purpose of the discussions is to actively participate in an on-going discussion about the assigned content.

- "Substantive" means comments that contribute something new and hopefully important to the discussion. Thus a message that simply says "I agree" is not substantive. A substantive comment contributes a new idea or perspective, a good follow-up question to a point made, offers a response to a question, provides an example or illustration of a key point, points out an inconsistency in an argument, etc.
- As a class, if we run into conflicting view points, we must respect each individual's own opinion. Hateful and hurtful comments towards other individuals, students, groups, peoples, and/or societies will not be tolerated.

Identity Verification & Live Proctoring

- Faculty may require students to provide proof of identity when submitting assignments or completing assessments in this course. Verification may be in the form of a photograph and/or video of the student's face together with a valid photo ID, depending on the assignment format.
- Faculty may require live proctoring when completing assessments in this course. Proctoring may include identity verification and continuous monitoring of the student by webcam and microphone during testing.

University Policies

Student Handbook
- Drop/Withdrawal policy
- The University encourages all work to be completed according to the course schedule. The University Late Work Policy can be found in the Student Handbook here.
- Extension Requests
- Academic Probation
- Appeals
- Disability Accommodations

The mission of American Public University System is to provide high quality higher education with emphasis on educating the nation's military and public service communities by offering respected, relevant, accessible, affordable, and student-focused online programs that prepare students for service and leadership in a diverse, global society.