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## CSCI 3350 Syllabus (08)

**COURSE NUMBER:** CSCI 3350  
**COURSE TITLE:** Web User Interface Design  
**CREDITS:** 3  
**PREREQUISITES:** CSCI 1010 or 1015 or 1017 or 2000

**INSTRUCTOR:** Name: Leong Lee  
Office: Maynard 206 / 207  
Office Hours: Tue/Thu/Fri: 9:00am-11:00am,  
or by appointment  
Phone: 931-221-7038  
E-mail: leel@apsu.edu

**CLASS WEB SITE:** Please refer to D2L.

### PROGRAMMING TUTORING

Check out programming peer tutoring service/timing/venue at [this link](#), or use the following URL:  
[http://www.apsu.edu/csci/opportunities\\_resources/computer-science-tutoring-services.php](http://www.apsu.edu/csci/opportunities_resources/computer-science-tutoring-services.php)

### COURSE DESCRIPTION

Basic web design principles emphasizing alignment, proximity, contrast and repetition. Web design topics incorporating layout, color, texture, typography and imagery. User interface design principles for web pages: client side programming, web site planning, process of designing and developing user interface mock-ups/prototypes for dynamic back-end database driven web applications.

### COURSE OBJECTIVES

Upon successful completion of this course students should be able to

1. Describe and apply the basic web design principles emphasizing alignment, proximity, contrast and repetition.
2. Apply and demonstrate the appropriate use of layout, color, texture, typography and imagery for web design and development.
3. Use a front-end markup language to create static web pages.
4. Use an appropriate web authoring / programming tool to assemble various multimedia elements and integrate them into a web site.
5. Design and develop user interface mock-ups / prototypes for web applications.
6. Employ an appropriate web design methodology to create a web site.
7. Demonstrate the understanding of web site planning by producing a real-life web application design and development project as a portfolio.

**TIME AND PLACE OF CLASS:** Tue/Thu 11:10am-12:35pm, Maynard 129

### REQUIRED LEARNING RESOURCES

#### Textbooks

- The Principles of Beautiful Web Design, 3rd Edition, by Jason Beaird, ISBN 978- 0992279448, SitePoint.
- The Non-Designer's Design Book, 4th Edition, by Robin Williams, ISBN 978-0133966152, Peachpit Press.
- Adobe Dreamweaver CC Classroom in a Book (2018 release), ISBN 978-0134852522, Adobe Press.
- Adobe Photoshop CC Classroom in a Book (2018 release), ISBN 978-0134852485, Adobe Press.



#### Others

- Microsoft Windows-based Computer with mouse
- Every day Internet access
- **2B** pencils (Around 3 to 5. Normal drawing pencil will do, NO charcoal or strange stuff please.)
- Good eraser and **ruler**
- Sketch Pad (letter size 8.5"x11", good quality / heavy weight paper, 50 sheets)
- Adobe Dreamweaver and Photoshop software (also available in Maynard 133 computer lab)

#### ATTENDANCE POLICY AND CLASS PARTICIPATION

Students are expected to attend all classes, arrive on time and participate in classroom discussions. Students are expected to remain in class until the class is finished unless extenuating circumstances such as illness requires the student to leave. If a student leaves class early, the instructor must be notified as to the reason that the student left. Any student who has not attended class and/or submitted assignments for a three-week period will receive an **FA** grade.

#### ASSIGNMENTS / PROJECTS

Assignments (projects) will be both written and programming. The instructor will not make any adjustments to a student's code when grading, so if any submitted program does not run the student will get a zero on the "correctness" portion of the grade (or **50 points off** the overall grade), with no exceptions. Program source code will be turned in electronically.

#### LATE POLICY AND MAKEUP EXAMS

Assignments (projects) are due on the stipulated due dates, and may be turned in **up to 7** calendars days late with a **25% late penalty**. No assignment will be accepted more than 7 calendar days after the original due date! Students with planned absences, whether for university events, religious observance, or other reason, are expected to make arrangements with the instructor to turn in assignments or take exams before the scheduled date of the assignment or test.

Exam/test dates are on the schedule on the following page — if there are any changes, they will be announced at least one week in advance if possible. A missed exam may be made up only if it was missed due to an extreme emergency and arrangements are made before the exam date. Exams may not be taken early or late due to personal travel plans.

#### EVALUATION AND GRADING

Each student activity will contribute to the final grade in the class according to the following percentages.

Activity	Percentage
Assignments / Design Exercises / Sketchbook	50%
Mid-semester exam	15%
Final project	35%

Final Percentage	Final Grade
90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
Below 60	F



### POLICY ON MINORS

Minors (any non-student under the age of 18) accompanying staff, faculty, students or visitors on campus are not permitted in the classroom.

### DISABILITY POLICY

Any student who has a disability that may affect his/her academic performance is encouraged to make an appointment with me to discuss this matter, or you may contact Disability Services; telephone 221-6230; tty 221-6278; fax 221-7102.

### ACADEMIC MISCONDUCT

Students are expected to conduct themselves appropriately at all times. Academic and classroom misconduct will not be tolerated. Students must read the "Code of Student Conduct" in the new Student Handbook for an understanding of what will be expected of them within the academic setting.

Students are required to turn in their own work and not the work of others. Collaboration on homework, assignments, quizzes, and exams is prohibited, unless otherwise specified by the instructor. Likewise, **plagiarism** of other's work or web-related sources constitutes a serious infraction. This includes submitting work very similar to another student's project, copy and paste from Internet searches, and Internet sites for hiring coders to complete a project. "Penalties for academic misconduct will vary with the seriousness of the offense and may include, but not limited to, a grade of "F" on the work in question, a grade of "F" in the course, reprimand, probation, suspension and expulsion." (Quoted from APSU Academic and Classroom Misconduct). Protect your own work. Do not leave your assignments on the hard drives of the computers or printers in the lab for others to see.

### TOPICAL OUTLINE/CALENDAR

Week / Date	Topic	Reading	Remarks / Due / Exam
1 8/27 Mon	Basic Design Principles (P.A.R.C) Dreamweaver Workspace Photoshop Work Area	Robin Ch. 2, 3, 4, 5, 6 Dreamweaver Ch. 1 Photoshop Ch. 1	
2 9/3	Color, Typography HTML Basics Basic Photo Correction	Robin Ch. 7, 9-12 Dreamweaver Ch. 2 Photoshop Ch. 2	9/3, Mon: <b>Labor Day</b> Holiday 9/9: Last day to drop classes without record
3 9/10	Layout and Composition CSS Basics Working with Selections	Jason Ch. 1 Dreamweaver Ch. 3 Photoshop Ch. 3	<b>Assignment 1</b> Due 9/13 Thu
4 9/17	Color Web Design Basics Creating a Page Layout Layer Basics	Jason Ch. 2 Dreamweaver Ch. 4, 5  Photoshop Ch. 4	
5 9/24	Texture Working with a Web Framework Masks and Channels	Jason Ch. 3 Dreamweaver Ch. 6 Photoshop Ch. 6	<b>Assignment 2</b> Due 9/27 Thu
6 10/1	Typography Designing for Mobile Devices Typographic Design	Jason Ch. 4 Dreamweaver Ch. 7 Photoshop Ch. 7	10/7: Last day to drop classes with an automatic "W"
7 10/8	Imagery	Jason Ch. 5	Note: <b>Mid Term Exam</b> 10/11 Thu
8 10/15	Vector Drawing Techniques	Photoshop Ch. 8	10/15-10/16: <b>Fall Break</b> , no classes <b>Assignment 3</b> Due 10/18 Thu



<b>Week / Date</b>	<b>Topic</b>	<b>Reading</b>	<b>Remarks / Due / Exam</b>
<b>9</b> 10/22	Final Project Briefing Website Prototyping in Photoshop	Website Example	
<b>10</b> 10/29	Website Prototyping in Photoshop	Website Example	<b>Assignment 4</b> Due 11/1 Thu
<b>11</b> 11/5	Website Prototyping in Photoshop	Website Example	<b>Project Part 1</b> Due 11/8, Thu 11/8: Last day to drop classes with a "W", "F" 11/9: Mandatory "F" period begins
<b>12</b> 11/12	Website Slicing in Photoshop	Website Example	11/12, Mon: <b>Veteran's Day</b> Holiday – no classes <b>Project Part 2</b> Due 11/15, Thu
<b>13</b> 11/19	Website Prototyping in Dreamweaver	Website Example	11/21-11/25: <b>Thanksgiving</b> Holiday
<b>14</b> 11/26	Final Web Publishing in Dreamweaver	Website Example	<b>Assignment 5</b> Due 11/27, Tue
<b>15</b> 12/3	Final Project Review 12/7, Fri, 10:30am-12:30am: <b>Final Exam</b>		<b>Project Part 3</b> Due 12/2, Sun 12/5, Wed: Last day of classes <b>Project Part 4</b> Due 12/6, Thu
<b>16</b> 12/10	Not applicable this semester		

**LAPTOPS AND OTHER ELECTRONIC DEVICES IN THE CLASSROOM:** Cell phones must be turned off or on vibrate during class. NO cell phone can be answered during class unless there is an emergency situation and you have discussed the emergency with the instructor prior to class. No text messaging is permitted during class. Laptops/tablets are permitted whenever the student considers the laptop/tablet as an enhancement of his/her learning experience. However, the student MUST be using the laptop/tablet in a manner that directly relates to the content of this class such as viewing the slides from the lecture or taking notes. The laptop/tablet must not be a distraction to others in the class. No other electronic devices will be allowed in class without prior consent of the instructor.

**CAVEAT:** The above schedule and procedures are subject to change in the event of extenuating circumstances.

