CSCI 3300 Syllabus (23)

COURSE NUMBER: **CSCI 3300**
COURSE TITLE: **Introduction to Web Development**
CREDITS: 3
PREREQUISITES: CSCI 1015 or CSCI 1016

INSTRUCTOR: Name: Leong Lee
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CLASS WEB SITE: Please refer to D2L.

COURSE DESCRIPTION:
This is a survey of techniques and tools for developing basic web pages for delivery of text and graphic information. Focus will be on page markup languages, page design principles, page layout techniques, markup language syntax, and page styling methods.

COURSE OBJECTIVES: Upon successful completion of this course students should be able to
1. Construct web pages using HTML and XHTML.
2. Use Cascading Style Sheet (CSS) to style web pages written in HTML and XHTML.
3. Write and deploy JavaScript programs.
4. Identify and apply JavaScript programming concepts such as functions, data types, operators, arrays and control structures.
5. Manipulate the Browser Object Model.
6. Write JavaScript programs to perform client side form data validation.

TIME AND PLACE OF CLASS: Mon/Tue/Wed/Thu/Fri 11:20am-12:50pm, Claxton 306

REQUIRED LEARNING RESOURCES:
Textbooks: 1. HTML & XHTML: The Definitive Guide, 6th Edition, by Chuck Musciano & Bill Kennedy.
               2. JavaScript: The Web Technologies Series, 5th Edition, by Don Gosselin.

Others: A USB Flash Drive

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 **one** 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 compile 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 **4** calendars days late with a 25% late penalty. No assignment will be accepted more than **4** 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.

Assignments	50%
Mid-semester exams (15% each)	30%
Final exam	20%

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 7/9, Mon	HTML, XHTML, WWW Quick Start, HTML Skeleton HTML Documents, Tags, Attributes Text Basics Images and Multimedia	HTML Ch. 1 HTML Ch. 2 HTML Ch. 3 HTML Ch. 4 HTML Ch. 5	Assignment 1
2 7/16	Links and Webs Formatted Lists Cascading Style Sheets (CSS) Forms Tables	HTML Ch. 6 HTML Ch. 7 HTML Ch. 8 HTML Ch. 9 HTML Ch. 10	Assignment 2 Exam I
3 7/23	Introduction to JavaScript Functions, Data Types, and Operators	JS Ch. 1 JS Ch. 2	Assignment 3 7/25: Last day to drop classes with an automatic "W"
4 7/30	Arrays and Control Structures Browser Object Model	JS Ch. 3 JS Ch. 4	Assignment 4 Exam II
5 8/6	Validating Form Data	JS Ch. 5	Assignment 5 8/3: Last day to drop classes with a "W", "F" or "FA" 8/4: Mandatory "F" period begins 8/10: **Final Exam**

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.