CS 312: Internet Concepts - Spring 2007
Professor: Stewart Shen
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Office hours: Mon. & Tue. 10:00am-12:00noon; Th. 3:00pm-5:00pm

Class meetings:
Tuesdays and Thursdays, 8:00am-9:15am, GORNT 0218

Instructor Contact
Students can come to my office during office hours without appointment, on first-come, first-served basis. Appointments can be made via e-mail or after class. Students are encouraged to contact the instructor via e-mail but are asked to maintain generally accepted standards of e-mail etiquette: proper salutations, no shouting (capitals), no demands or orders, no remarks or comments of a personal nature. In the subject of an e-mail, give “CS312”, the last two digits of the section number (i.e. 27 or 65), and a few words indicating the content (e.g.: question Assignment One). The body of the e-mail should contain at the end the student’s full name and student ID. All e-mails that do not conform to the mentioned requirements will be ignored. Attachments of any nature and HTML code in the e-mail main body are strongly discouraged, except when specifically required.

Course Objective
To provide the student with a fundamental understanding of the history, development, architecture and current state of the internet and the World Wide Web, also some important future aspects of the Web. The student will be able to demonstrate basic functional competency in e-mail, FTP, telnet, WWW, HTML and some other related languages, and a range of internet applications, and understand the principles of their operation. To gain an understanding how the future of the Web may be like and achieved.

Texts
In-Line-On-Line: Fundamentals of the Internet and WWW, 2nd Ed., by Greenlaw and Hepp
Slides: copies of class slides may be provided at the instructor’s option. However, these slides serve merely as an educational aid and should not be considered a substitute for the textbook or any other reference material. Students are responsible to make own adequate notes.

Expectations
Computer time: Students must accept that considerable time on the computer will be required to complete the homework and projects. University laboratories may be closed at times as scheduled, but students need to complete all assignments in time.
Tools: Students must use the required tools. The instructor will not assist in any problems caused by unapproved software or operating systems.
Web site: Students are required to visit the course web page at least twice a week.
Attendance: is optional but highly recommended. Students bear full responsibility for knowing class content including homework, programming assignments, exams, and announced or unannounced quizzes. The instructor will not be responsible for providing information concerning missed classes, including homework, programming assignments, announcements, quizzes and notes. According to our experience, students attending and participating in more classes tend to obtain higher grades than others.

Evaluation
The following distribution of scores will be used to determine your final grade for this class:
Homework, quizzes, participation: 20%
Two projects: 30% = 2 x 15%
One midterm exam: 20%
Final Exam: 30%
Total: 100%
All scores except final grade will be communicated on a numerical scale ranging from 0 to 100.
All scores will be added after weighting at the end of this course and transformed into a final grade. Grade curving may take place. Extra credit may be awarded. See Class Participation and presentation below regarding the extra credit.

Late or inadequate submission
Late or inadequate submissions, i.e. submitted contrary to the stated requirements, will be failed and scored 0. This applies to homework, quizzes, projects and all other assignments. Late submissions will not be partially graded or graded according to a penalty. All late submissions will be failed, i.e. no points earned (0). Scores will correspond to merit and quality of the delivered work, not necessarily to the student’s effort or desire.

Honor Code
The honor code applies to all project components and examinations; while verbal discussion among individual class members is encouraged, any work turned in for a grade should be the work of the person turning the component in for credit and for this course only. Design, test data and code sharing is a violation of the honor code. Any work you turn in for credit must be your own.

Class Participation and Presentation
The instructor welcomes lively interaction and appreciates student creativity. Please do not hesitate to ask questions, make comments or voice your opinion in class. However, in exceptional cases, the instructor may choose to continue some discussion with specific students after and outside a class session. Special student presentations in class may be arranged, pending the pre-approval of the instructor. Good class participation and special student presentations will receive extra credit, determined by the instructor.

Disclaimer
The instructor reserves the right to alter the number and nature of assignments, quizzes, programming projects, the grade distribution, class presentation and content, and the required development and compilation tools to optimize learning outcomes and course logistics. This syllabus may be slightly revised by the instructor as he sees fit, the revision will be announced, and the current one is posted in the class Blackboard site at the same URL.