

CSCI 241 – Client/Server Programming on the WWW

College of Business Administration
Winthrop University
Fall, 2008

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I. Office Hours:

11:00 – 2:30

MW

12:00 – 1:30

TR

Please feel free to drop in, call me, or e-mail me to ask questions, schedule appointments, or just talk. Note that sometimes I will have meetings between 12 and 2 on Mondays and Wednesdays and so will be unavailable on those occasions (about twice a month).

II. Texts:

Required text: *Web Applications: Concepts & Real World Design* by Knuckles & Yuen

III. Course Objectives:

This course is a continuation of INFD 141, providing more advanced client side programming concepts than that course and introducing programming on the server side. By the end of the course you will:

- Be able to use advanced javascript techniques, such as the Domain Object Model to enhance your web sites;
- Be a competent beginning Perl programmer; Perl is probably the most commonly used server side language in use today. (A language called PHP is coming along quickly, however, and we may touch on it).
- Have used all the above technologies to put together a complete web site of near professional quality.

Prerequisite: INFD 141. CSCI 101C is also recommended as we will likely get into some database work later in the course.

IV. Topics:

Week 1, 2: Review of HTML, CSS, Javascript. Get to know the INFD server. Begin designing the project.

Weeks 3-5: Advanced Javascript, DOM, Object Oriented Programming

Week 6, 7: Introduction to Perl and CGI programming

End of week 7 or beginning of week 8: Midterm exam.

Weeks 8, 9: Processing forms.

Weeks 10, 11: Maintaining State and Cookies

Week 12ff: Maintaining Data on the server. Flat files and databases.

V. Grading:

Components of Your Grade

Percentage of grade

Numerous HW/Lab assignments/presentations 50%

Midterm exam 25%

Comprehensive Final Exam (scheduled

for 8 a.m. Thursday, December 11)

25%

Letter grades will be determined on a straight percentage basis. I will assign “whole” grades only and not use plusses or minuses as I believe such usage hurts students more than it helps.

<u>Letter Grade</u>	<u>Total Percentage</u>
A	90-100
B	80 - < 90
C	70 - < 80
D	60 - < 70
F	< 60

Last day to withdraw from this course is **October 24th**. Later withdrawal requires documented extenuating circumstances.

VI. Course Policies:

A. Attendance

Students are expected to attend class. Be aware that there will be a grade associated with nearly every lab class and that you are unlikely to succeed in lab unless you attend lecture.

B. Teamwork

You will usually have a partner for lab work. We'll rotate partners every week or two.

C. Homework/Labs

Other than reading, most work will take place in the lab. If you are unable to complete a lab during the scheduled time, and this will happen more and more often as the course goes on and we have more substantial work to do, you are expected to meet with your partner outside of class and complete the lab before the next class.

D. Decorum

You are here with the goal of becoming professionals and as such professional courtesy is expected. Any behavior that disrupts the class is out of courtesy. This includes, but is not limited to, any electronic device that makes a noise or takes your attention away from the business at hand.

E. Homework and the two hour rule

If you have worked on the same problem for more than two hours, **stop!** And get help from someone, most likely your current partner or me.

Students with Disabilities: If you have a disability and need classroom accommodations, please contact Gena Smith, Coordinator, Services for Students with Disabilities, at 323-2233, as soon as possible. Once you have your professor notification letter, please notify me so that I am aware of your accommodations.