CEN 5501C Syllabus
Spring 2007

Title: Computer Networks
Time: 5th and 6th periods (11:45 am – 1:40 pm) on Tuesday,
6th period (12:50 pm – 1:40 pm) on Thursday
Classroom: CSE-118
Instructor: Professor Richard Newman (nemo@cise.ufl.edu), 346 CSE, (352) 392-1488
TA: Piyush Harsh (cen5501@gmail.com), CSE-E309; 352-392-5770
Cem Boyaci (cboyaci@cise.ufl.edu), CSE-E309; 352-392-5770

Textbooks:
Required: Perlman, Interconnections 2/e, Addison/Wesley, ISBN 0-201-63448-1
Recommended: Stevens, TCP/IP Illustrated, Pearson/ Addison/Wesley, ISBN: 0201633469
ISBN 13: 9780201633467
Recommended: Stevens, Fenner, and Rudoff, Unix Network Programming, Pearson/

Class websites: www.cise.ufl.edu/class/cen5501sp07, www.cise.ufl.edu/~nemo/cen5501/
Office hours: Newman: W 3:00-4:00pm, R 10:00-11:00am, 2:00-3:00pm and by appointment
Harsh: TBA

Course objective: To study design principles and implementation issues in computer networks

Topic Outline:
1. Fundamental Networking concepts 1 week
2. Datalink Layer and Bridging 3 weeks
3. Network Layer and Routing 5 weeks
4. Transport Layer 4 weeks
5. Security 2 weeks

Grading:
1. Examinations (5th, 10th, and 15th weeks) 20% each
2. Projects (3) (we will use C and Unix) 30%
3. Quizzes (15) 10%

Homeworks will not be graded, but will be assigned for your benefit.
There will be about one quiz per week to test your preparation level.

Exam policy: exams will be closed book, closed notes, but you will be permitted one 8.5"x11" crib sheet (two sides) per exam.

Academic Honesty:
* UF Honor Code: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.
* Plagiarism will not be tolerated.

ADA: Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

General Policies
**Attendance:** Attendance is required, but tapes are available for viewing through EDGE. Late arrivals are expected to enter discretely and avoid interfering with the cameras. Cell phones and pagers must be silent during class. Quizzes are my only measure of attendance.

**Communication:** Students are required to check the class web pages at least three times a week (MWF) for announcements/updates. While we will not check that you do this, the web pages are the authoritative source of information for the class, and to obtain this information in a timely manner, you will want to visit often.

**Questions:** Questions are encouraged - raise your hand to be recognized. Try to formulate the question before asking it, and wait to see if it is answered in a few minutes so we can maintain flow. Lengthy discussions will be deferred to office hours.

**Program Grading:** Programs will be graded based on documentation, good programming practice, functionality, and performance. You must provide design and test documentation and interface specifications for your components, document your programs and give test results.

**Collaborative work:** you may work on registered teams for programming, but the exams must be your own work. You are encouraged to discuss operating systems outside of class with your fellow students.

**Late submissions:** Projects will be due at 4:59 pm on the date on which they are due. Late submissions will be discounted 10% per day for up to five days or when the homework is reviewed in class, whichever comes first.

**Regrade requests:** we grade carefully the first time, but if you find an error in grading or believe that you deserve more credit for an answer, you must submit a regrade request via email to the TAs and to me justifying your request within two weeks from the time that the graded material was returned to the class. The email must include the specific part(s) that you desire to have regraded and why you believe your answer deserves more credit.