

## CNT 4007 Computer Networks Fundamentals, Fall 2010

**Goals:** This course covers problems in design and analysis of computer networks. While some effort focuses on the low-level protocols, most of the course is devoted to higher level protocols at the medium access, network and transport layers.

**Prerequisites:** COP 3530, CDA 3101 and COP 4600. Students should be familiar with graph theory and basic probability.

**Required Textbook:** “Computer Networking: A Top-Down Approach Featuring the Internet”, by J. Kurose and K. Ross, Fourth Edition, Addison Wesley, 2008.

**Cell Phone Policy:** Cell phones should be turned off during the lecture hours to provide the quiet learning environment for every student in the classroom.

### Exams and Assignments:

- One Final Exam (30% of the final grade): To be announced.
- One Midterm Exam (20% of the final grade): Time will be announced later.
- 3-4 Programming Assignments (30% of the final grade):
- 3-4 Written Assignments (20% of the final grade):

*Assignments and project are due at the beginning of the classes. No late assignments/project or makeup exams are permitted. Cheating in assignments/project/exams will result a “F” on your final letter grade. All grading disputes should be resolved within two weeks after the assignments/exams are returned to the students.*

The expected letter-grade distribution is as the following:

Final Total Score (out of 100)	vs.	Letter Grade
93 and above		A
90-92		A-
87-89		B+
83-86		B
80-82		B-
77-79		C+
73-76		C

70-72	C-
67-69	D+
63-66	D
60-62	D-
59 and below	F

**Instructor:** Dr. Jonathan C.L. Liu, CSE 444, E-mail: [jcliu@cise.ufl.edu](mailto:jcliu@cise.ufl.edu), Phone: (352) 450-3433, Office Hours: 12:55pm-1:55pm on Mondays, Wednesdays and Fridays,

**Teaching Assistant:**

Mr. Sungwook Moon ([sungwook.ta@gmail.com](mailto:sungwook.ta@gmail.com)), Regular office hours at E309: 4pm-5pm on Tuesdays and 3pm-5pm on Thursdays, Lab office hours at E114: 3pm-4pm on Tuesdays.

**Topics:**

- o Introduction
- o The Application Layer
- o The Transport Layer
- o The Network Layer
- o The Data Link Layer

**University of Florida's 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." Details of the code can be found at <http://itl.chem.ufl.edu/honor.html>.

**Students with Disabilities:** Students requesting classroom accommodation must first register with the Dean of Students Office at 202 Peabody Hall. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

**University Counseling Services:** The Counseling Center provides counseling and consultation services to currently enrolled undergraduate and graduate students and their spouses/partners. The Center offers brief counseling and therapy to help students confront personal, academic, and career concerns. The primary goal of counseling is to help students develop the personal awareness and skills necessary to overcome problems and to grow and develop in ways that will allow them to take advantage of the educational opportunities at the university. Details can be found at <http://www.counsel.ufl.edu>