

## ISE 390 Special Topics in Information Systems, Spring 2013

# Introduction to Networking

### Instructor

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**Office Hours:** Mon/Tue/Thu: 12:30-1:30pm, or by appointment

**Classes:** Mon/Wed, 2:30-3:50pm, Computer Science Bldg., Room 2129

### Bulletin Description and Course Objectives

This course introduces the principles of computer networks, including network architectures, algorithms, and performance, with the TCP/IP based Internet as an example. It examines various networking protocols at different layers of the Internet protocol stack, including those at the application, transport, network, and the data link layers, respectively.

**Pre-Requisite:** ISE 208, ISE major

### Obtaining Course Information

Students are responsible to attend classes; course information will be given out in class. Course time table is available at <http://www.cs.sunysb.edu/~ellenyliu/i390>. The course Blackboard site contains other information. Students are responsible to monitor these two sites regularly.

### Required Textbook

James Kurose and Keith Ross, "Computer Networking: A Top-Down Approach", 6<sup>th</sup> edition, Addison Wesley, 2013. A copy of this book is on reserve for 2-hour loan in the Science and Technology library (North end, first floor of Melville library); the call number is TK5105.875 .I57 K876 2013.

### Evaluation (subject to minor change)

25% - Labs

40% - Midterms. There will be two closed-book in-class midterm exams. Place is TBA

35% - Final exam. It will be held on Monday, **May 13**, 5:30-8pm. Place is TBA. Please mark your calendar

### Labs

There will be approximately five labs. The one with the lowest performance among the five labs will be dropped when calculating the course grade.

### Midterms and the Final Exam

These exams account for 75% of the course grade in total. Every exam is important. Materials for these will be taken from the textbook, lectures, and given problem sets. There will be no make-up midterms.

**Americans with Disabilities Act:** If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC

(Educational Communications Center) Building, room 128, (631) 632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

**Academic Integrity: All submitted work must be your own.** Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at <http://www.stonybrook.edu/uaa/academicjudiciary/>

**Critical Incident Management:** Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures.