

EECE 553 Computer Network Architecture

Course Syllabus, Fall 2012

Course Description

This is an introduction level computer network architecture course for graduate students. The goal is to provide the students with a comprehensive picture of the technologies behind Internet applications. The course provides broad coverage from the lowest levels of packet transmissions through the highest levels of application software, explaining how the underlying technologies provide services and how Internet applications use these services. Emphasis will be given on network components and design issues.

Textbooks:

[1]. Computer Networks: A Systematic Approach (5th Edition), Larry L. Peterson and Bruce S. Dave, Morgan Kaufmann, 2011. (ISBN: 978-0-12-385059-1)

Prerequisites:

Basic knowledge of Probabilistic & Statistics.

Class Location & Times:

Science Library 206, Tuesday & Thursday, 4:25pm ~ 5:50pm

Instructor Info.:

Dr. Yu Chen

Office: ES-2309,

Phone: (607) 777 - 6133,

Email: ychen@binghamton.edu

Office Hours: 3:00 ~ 4:00pm, Tuesday & Thursday, or by appointment.

Grading:

✓ Quizzes	25% (5% x 5)
✓ A mini project	5%
✓ Midterm	35%
✓ Final	35%

Academic Honesty

All students must adhere to the Student Academic Honesty Code of the University and the Watson School (links below). The Department of Electrical and Computer Engineering has adopted a standard policy to enforce these codes for violations involving course work. Category I violations result in a grade of 0 for the graded work plus a one letter course grade reduction. A *Report of Category I Academic Dishonesty* form is filed with the Provost's Office; if a prior report is already on file, the offense is automatically elevated to Category II. Category II violations result in at least a failing grade for the course plus any additional penalties determined by the Watson Academic Integrity Committee.

University Academic Honesty Code:

http://bulletin.binghamton.edu/program.asp?program_id=826

Watson School Academic Honesty Code:

http://www.binghamton.edu/watson/Watson_Academic_Honesty_Policy.pdf

ECE Department Academic Honesty Code Enforcement Policy

http://www.ece.binghamton.edu/documents/Academic_Honesty_Policy.pdf