Highlights

• prerequisites:
  ECS110 and Statistics

• Class: TR 1:40-3:00PM, 2016 Haring;
• Discussion: F, 11 a.m.-11:50 a.m.; 2016 Haring
Highlights

• Textbook
  – 4th edition is also ok.

• TA: Yichuan Wang,
  Email: yichuan1118@gmail.com

• TA office hour: Wedn. 12-2 PM, 55 Kemper Hall

• Instructor office hour: F 1-2PM 3013 EII or by appointment
  – If needed, the office hour will be extended to 3pm.

Xin Liu
Grading Policy

• Grading
  – Projects 25% (2 Android-based projects)
  – Midterm 20% (one mid-term, Nov. 3)
  – Homework 20% (4 sets)
  – Final 35%

• All homework and projects will be submitted online.
• All homework and projects require individual efforts. Discussions are allowed, no copying allowed.

• Late policy
  – Full credit if on time
  – 50% if within 24 hours
  – 25% if within 48 hours
  – 0 after 48 hours

• Regrading Policy
  – One week regrading period after grades returned to students

• Incomplete will not be granted
  – Unless proved emergency with filled emergency form

• **Academic Integrity**
  – Homework
  – Projects

Xin Liu
Email

- Please include “ECS 152A” in your subject line, to me and to the TA.
- In most cases, 24-hour response.
- If your requests not responded, let me know.
Email etiquettes

- [UCD Email Etiquette](#)

- R U handing back midterms Th?
- Pls. reply asap.
Hi Gary,

I was wondering if you are going to be handing back the midterm this week?

Thanks,

Shareen

- It is also best to address your email to one person, possibly cc to others.
Good Grade Guideline

• Protocol stacks are rational
  – Understand, not memorize
• Active classroom participation
• Do your own homework and projects
  – Help you understand
  – Help you do well in exams
• Follow the textbook and notes
• Extra material covered in lectures
H1N1

- H1N1 is expected to hit about 20% of us this Fall
- Seasonal flu vaccine is available and strongly recommended this year.
- H1N1 vaccine will be available early to mid October.
- H1N1 is spread more through coughing than through touch.
- I may ask obviously sick students to leave as a simple courtesy to others.
- If I am sick, I will find replacement/send announcement.
Road Map

• Introduction
  – Communications model and networking
  – Protocols and architecture
  – Packet-switched networks
• Application Layer
  – Principles
  – Web
  – File transfer
  – Email
  – DNS
  – Peer-to-peer
Road Map

• Transport Layer
  – Introduction and principles
  – UDP (User Datagram Protocol)
  – TCP (Transmission Control Protocol)
  – Reliable data transfer and TCP
  – Congestion control and TCP

• Network Layer
  – Introduction
  – Inside a router
  – The Internet Protocol (IP)
  – Routing algorithms
  – IP Routing
  – Broadcast and multicast
Road Map

- The Link Layer and Local Area Networks
  - Introduction and services
  - Error Detection and Correction
  - Multiple Access
  - Link-layer Addressing
  - Ethernet
  - Link Layer Switching
Comments?

• Questions always welcome in class/office hours.
• I am constantly looking for ways to make this class better, more useful, more fun.
• All comments/suggestions welcome.
• Anonymous if you like.


• Questions?
Walkout and Budget

• Budget and its consequence
  – Fee increase, enrollment decrease, crowded classes, poor infrastructure and maintenance
  – Lose good people
  – Lose competitiveness
  – Privatization of public universities

• The goal of the university and faculty members
  – Education, research, service

• What can we do together?

• Furlough days
Personal Finance

• Responsible
• Savvy
• Credit card
• Debit card
• Saving
• Investment
A few other notes

• Internship opportunity
  – www.cacetech.com
  – Contact John Bruvo
  – john.bruno@cacetech.com

• Undergraduate research opportunities
  – Android
  – Self motivated
  – Long term commitment

• ECS 152B