Course Overview

- **Goals**
  - Gain hands-on experience
  - Reinforce important networking concepts and techniques

- **Organization**
  - Weekly lectures review relevant materials
  - Weekly labs
Material Covered (partial list)

- Wide Area Networks
  - Internetworking
  - Static & Dynamic Routing
  - UDP & TCP

- LAN Switching & Bridges

- DHCP, NAT, DNS, SNMP
  (and various other 3 & 4 letter acronyms 😊)
General Information

- Instructor: Angelos Stavrou
- TAs?
- Labs (Interest Lab)
  - Meeting times depend on groups
- Meeting time
  - Wednesdays: 11:00am - 12:15pm
- Instructor office hours:
  - Tuesdays: 4:00 - 5:00pm (?)
Bibliography & Readings

- **TextBook**
  - *Mastering networks*
    - by Jorg Liebeherr and Magda El Zarki
    - [Sample Chapters and more info at the authors' Web Site](#)

- **Reference books**
  - *Computer networking: a top-down approach featuring the Internet* by James Kurose and Keith Ross
  - Cisco Essentials book and Cisco Web Site
  - Unix Man Pages & RFCs

- **Course Web Site** will be populated with FAQ & Links
Lab Organization

- Groups (maximum 4 people, optimal is 3)
  - One report per group
  - Pre-Labs and Feedback form completed by each of the students individually

- Group Selection
  - Find people that you can work with
  - Random selection is also a choice 😊
Grading Scheme

- Pre-lab questions: (20%) (Individual)
- Two Exams, each 20% (40%) (Individual)
  - can be replaced by projects
- Lab Reports (30%) (Group)
- Class Participation (10%) (Individual)
  - 2 Makeups for lost Labs
End of Course Overview

Questions?