Logistics

- Class Timings: Tue/Thurs, 9:30 – 10:45 am
- Classroom: FB 007
- Instructor: Jasleen Kaur
- URL: http://www.cs.unc.edu/~jasleen/Courses/COMP631
- Email: jasleen@cs.unc.edu

Grading

Rough breakdown (may be changed by ±10% in each category):

- Assignments/Discussions: 25%
- Oral Exam: 30%
- Class participation: 10%
- Project: 35%

Course Topics

Topics to be covered in the first half of the course focus on the Internet protocol stack:

Topics to be covered in the second half of the course focus on global-scale distributed systems:
Virtualization (VPNs, NATs, Overlay Networks), DNS, Indirection (I3, Mobile IP, Multicast), DHTs, Content Distribution Systems, Data Center Networks, and Cloud Networks.

Pre-requisites

COMP 530 (Operating Systems), COMP 431 (Internet Services and Protocols), Socket Programming, Working knowledge of Unix.