COMP 631
Computer Networks

Fall 2014

Logistics

- **Class Timings**: Tue/Thurs, 12:30 – 1:45 pm
- **Classroom**: FB 009
- **Instructor**: Jasleen Kaur
- **URL**: http://www.cs.unc.edu/~jasleen/Courses/Fall14-631/
- **Email**: jasleen@cs.unc.edu

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Grading

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

- Programming and Written Assignments: 25%
- Oral Exam(s): 35%
- Class participation: 10%
- Project: 30%

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Course Topics

Topics to be covered in the first half of the course include:

- Error Detection, Shared Media Access, Forwarding Approaches, IP service model,

Topics to be covered in the second half of the course include:

- Virtualization (VPNs, NATs, Overlay Networks), DNS, Indirection (I3, Mobile IP, Multicast), DHTs, Content Distribution Systems, and Cloud Networks.

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Pre-requisites

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