

EE384B: Multimedia Networking and Communications

- Instructor: Professor **Ciro Noronha**
 - Office: Gates 304
 - Telephone: 725-3716 (office hours only)
 - E-mail: noronha@stanford.edu
 - Office hours: Tu Th 9:15pm - 10:15am
- Teaching Assistants:
 - Manish Godara, manish.godara@stanford.edu
 - David Hole, dhole@stanford.edu

Course Administration

- Lectures
- 3 quizzes (30 minutes)
- Group Project (groups of 2)
- Tentative Grade Distribution:
 - Quizzes: 35%
 - Group Project: 65%
- Important: there will be no “incompletes” granted in this class!

Course Calendar

Date	Event
4/05	Project Topics handed out
4/12	Project Proposals due
4/19	Quiz 1
5/03	Progress Reports due
5/10	Quiz 2
5/29	Project Reports due
5/31	Quiz 3

Course Content

1. Multimedia Application Requirements
2. Voice
 - Voice Characteristics
 - Voice Compression Standards
3. Video
 - Video Characteristics
 - Video Compression Standards
4. Voice/Video Traffic Characteristics

Course Content (cont.)

5. Data Traffic Characteristics
6. Advances in the Network Infrastructure
7. Resource Reservation Protocols
8. Differentiated Services
9. MPLS
10. Streaming Protocols
 - RTP, RTCP, RTSP

Course Content (cont.)

11. Session Layer Protocols

- SAP/SDP/SIP
- H.323

12. Voice over IP