EET 223: Oral Lab Presentations

You will form into groups of exactly two people to present one of the following topics.

1. Single Sideband (Sections 4-1 through 4-6)
2. Frequency Synthesizers (Sections 7-5, 7-6)
3. Pulse Code Modulation (Sections 8-2 through 8-6)
4. Digital Signal Processing (Section 8-7)
5. Data Transmission (Sections 9-2 through 9-6)
6. Frequency/Phase Shift Keying (Sections 10-2 through 10-4)
7. Radio Telemetry (Section 10-5)
8. Telephone Systems (Sections 11-2 through 11-4)
9. Networking (Sections 11-5 through 11-11)
10. Digital Television (Sections 17-2 through 17-5)

Topics will be assigned on a first come, first served basis. The presentations will occur during lab on both 9th and 10th weeks. We will fill up all of the slots during 9th week so everyone can leave on 10th week sooner. You will have access to a white board (or chalk board), an overhead projector, and a computer projection system.

Presentations are to last between 13 and 20 minutes with a 5 minute question and answer period immediately following. Each group member must contribute equally in the presentation speaking approximately the same amount of time during the presentation. Speak slowly and clearly and with sufficient volume to be heard anywhere in the room. Do not rush your presentation.

Practice your delivery several times until you are comfortable with what you are saying and that you meet the required timelines. Try not to continuously read from your notes although it is common to refer to them periodically. Any visual aids should be clear and easily read anywhere in the room. Avoid small print and limit their number so that you don’t have to rush through them.

You will be evaluated on,

1. Content of presentation
2. Proper volume and clarity of speech
3. Meeting the time allotment of 13 to 20 minutes
4. Equal participation from each group member
5. Participation: This includes attending all other presentations and asking questions during the allotted question time.

You should have an introduction to begin the presentation that will identify the topics to be presented. Limit yourself to topics you can present and/or explain comfortably in the allotted time. It would be a good idea to test your part of the presentation with your partner to see how well it is received and understood.