

**University Diploma Programs**  
**Electronics Equipment Maintenance**  
**EET-029, Introduction to Communications**

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Week	Date	Topics
1	13-17 Sep.	Introduction to Communication Systems
2	20-25 Sep.	Analog to Digital Conversion, Noise.
3	27 Sep-1 Oct	Amplitude Modulation
4	4-8 Oct.	Single-Sideband Techniques
5	11-15 Oct.	Extensions of SSB
6	18-22 Oct.	Frequency Modulation
<b>MAJOR EXAM # 1</b>		
7	25-29 Oct.	Generation of FM.
8	1-5 Nov.	Antennas
9	8-12 Nov.	Antennas
10	30 Nov-3 Dec	Pulse Communication
11	6-10 Dec.	Pulse Code Modulation
<b>MAJOR EXAM # 2</b>		
12	13-17 Dec.	Digital Communications
13	20-24 Dec.	Broadband Communications Systems
14	27-31 Dec.	Computer Networks
15	3-7 Jan.	Review.
<b>FINAL EXAM</b>		

**Grade Distribution:**

HomeWorks: 10%

Quizzes: 10%

Two Major Exams: 30%

Laboratory: 20%

Final Exam: 30%

**Class Hours:** Sat 6:00 PM, Sun 5:00 PM at Building 14 Room 140.

**Office Hours:** Sat 5:00-6:00 PM, Sun 4:00-5:00 PM

**Text Books:**

1. Electronic Communication Systems, by George Kennedy, 3<sup>rd</sup> Edition.
2. Modern Digital and Analog Communication Systems, by B. P. Lathi, 3<sup>rd</sup> Edition.
3. Electronic Communication, by Shrader, 3<sup>rd</sup> Edition.