

**Academic
Honesty:**

Academic honesty is fundamental to the activities of an academic institution and success of students. Any form of copy and plagiarism will not be tolerated in this class. Any kind of activities related to academic dishonesty will be dealt with on a case-by-case basis and may be grounds for dismissal from the class.

**Tentative
Schedule:**

- Week 1: Signals and Spectra (Ch. 1)
- Week 1: Signals and Spectra (Ch. 1)
- Week 2: Baseband Formatting/Modulation (Ch. 2)
- Week 2: Baseband Formatting/Modulation (Ch. 2)
- Week 3: Baseband Optimum Detection (Ch. 3)
- Week 3: Baseband Optimum Detection (Ch. 3)
- Week 4: Baseband Optimum Detection (Ch. 3)
- Week 4: Bandpass Mod/Demod (Ch. 4)
- Week 5: Bandpass Mod/Demod (Ch. 4)
- Week 5: Communication Link Analysis (Ch. 5)
- Week 6: Communication Link Analysis (Ch. 5)
- Week 6: Channel Coding (Ch. 6)
- Week 7: Channel Coding (Ch. 6)
- Week 7: Coding and Modulation Tradeoff (Ch. 6, Ch. 9)
- Week 8: Coding and Modulation Tradeoff (Ch. 6, Ch. 9)

**Project
Schedule:**

- Project 1: Random Variable and Random Process
- Project 2: BER of Binary Signaling
- Project 3: Equalization
- Project 4: BER of MQAM
- Project 5: Channel Coding
- Project 6: Coding and Modulation Tradeoff

The above schedule is subject to change without prior notice.