Instructor: Dr. Kamesh Namuduri, NTDP B234, Kamesh.Namuduri@unt.edu
TA: TBD

Course Description

This course provides laboratory materials for EENG 3810 Communication Systems. Topics include amplitude modulation, frequency modulation, pulse coded modulation, and communication system design with Simulink.

Prerequisite(s)

EENG 3810 (must be taken concurrently for EE students)

Textbooks


Grading Policies

- Lab report: 70%
- Final project: 30%

General Comments

- Attendance is mandatory for all laboratory sessions.
- Please follow the lab safety rules. No food or drinking is allowed in the lab.
- Students are encouraged to discuss class material in order to better understand concepts. However, all the reports you submit must be of your own. Direct copying of a solution will be considered as plagiarism and a violation of the University Honor Code.

Class Schedule (Tentative)

1. Frequency multiplication
2. Amplitude modulation and demodulation
3. Frequency modulation
4. Frequency demodulation
5. Pulse coded modulation
6. System simulation with Simulink
7. Software defined Radio
8. Final project