

rd Edition, 1998.

2. Introduction to Communication Systems, F. G. Stremler, Addison-Wesley, 3rd Edition, 1990.

Specific course information

Catalog description: Transmission of signals, amplitude modulation, frequency modulation, pulse modulation.

- a. **Prerequisites or Co-requisites:** EEL 4656 Analysis of Linear Systems
- b. **Required, elective, or selected elective:** selective elective

Specific goals for the course

- a. **Specific outcomes of instruction:** By the end of the course students will be able to: (i) know how to classify signals and systems (ii) know how to determine the bandwidth of a signal (iii) know how to determine PSD of a given power signal (iv) know how to calculate noise figures of a communication link (v) know how to perform power budget for a