OBJECTIVE

To provide students with a good understanding of the fundamental principles underlying the theory of digital communication systems, with emphasis on baseband signal processing and various modulation techniques.

DESIRED OUTCOME

Students completed the course are equipped with good knowledge of the elements of digital communication systems which will prepare them for advanced communications study and research.

OTHER RELEVANT INFORMATION

For this course, the students are expected to have basic background on Fourier analysis, probability and stochastic processes, and undergraduate communication courses (e.g.: E312 and E452 or the equivalence).

CONTENT


ASSESSMENT SCHEME

Continuous Assessment:  20%
Final Examination:  80%

TEXTBOOK


REFERENCES