

Tentative first class on August 22, 2012

Instructor:

Hector Erives; Phone: 505-835-5932; Email: erives@ee.nmt.edu

Textbook:

- Continuous and Discrete Time Signals and Systems, Mrinal Mandal and Amir Asif

Class Schedule

MWF, 9:00 - 9:50, TBA

Office Hours

M-F: 10:00 - 11:00

Course Overview:

This course provides an introduction to signal processing in electrical and computer engineering, with emphasis on continuous-time (CT) and discrete-time (DT) signals of linear time-invariant (LTI) systems. The objective is to illustrate concepts such as: classification of CT and DT systems, and their theories and applications, including the frequency domain representation of periodic and aperiodic signals, and design techniques for frequency-selective filters.

Course Prerequisite(s):

EE 212, Circuits and Signals II

MATH 254, Introduction to Applied Linear Algebra

Course Evaluation

Item	Description	Worth (%)
Homework	Homework will be assigned regularly 20% deduction applies to late homework	20
Quizzes	Quizzes will be given regularly on Fridays.	20
Partial exams	Two mid-term exams.	2x20
Final exam	Comprehensive final exam.	20

Academic honesty

All students are expected to demonstrate personal integrity. Interaction among students regarding homework assignments are strongly encouraged, however each student *must show individual effort*. Exchange of information during in-class examinations as well as copying homework solutions from each other is strictly prohibited. Students exhibiting any form of academic dishonesty will be subject to penalties in accordance with NMT policies.