

First Class January 18, 2012

Instructor:

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

Textbooks:

- MATLAB for Engineers, Third Edition by Holly Moore
- Engineering Problem Solving with C, Third Edition by Delores M. Etter

Class Schedule

M W F, 9:00 – 9:50, WORKC 109

Lab Schedule

TBD

Office Hours

M,W, F: 10:00-11:00 A.M, T, Th. 9:00-10:00 A.M.

Course Overview:

This course provides an introduction to computing systems by developing a consistent methodology for solving engineering problems, and presenting the fundamental capabilities of MATLAB and C. The objective is to illustrate the problem-solving process through a variety of interesting engineering examples and applications.

Course Evaluation

Item	Description	Worth (%)
Homework	Homework will be assigned regularly	20
Quizzes	Quizzes will be given regularly on Fridays.	10
Partial tests	Two mid-term exams.	2x10
Projects	A final project in MATLAB and C	50

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.