

First Class January 18, 2017

Instructor:

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

Texts:

- The HCS12/9S12: An Introduction to Software and Hardware Interfacing, by H.W. Huang (Not required)
- NXP Databooks on the MC9S12 (Available online)

Class Schedule

Mon, Wed, Fri 13:00 – 13:50

Office Hours

Tue- Thurs 9:00 - 10:00 A.M.

Course Overview:

This course develops on a basic understanding on the use of the MC9S12 microcontroller. The topics that we will address in this class include assembly and C language programming, peripherals of the MC9S12, time subsystems, A/D converter subsystem, serial peripheral interface (SPI) and serial communications.

Tentative Class Structure

Item	Description	Worth points (%)
Homework	Homework will be assigned regularly	15
Quizzes	Short quizzes will be given regularly on Fridays	15
Partial tests	Three partial tests	2x15=30
Final test	Comprehensive final test	15
Laboratory		25

Note: A 25% penalty applies to late work. You need to pass the Laboratory class to be able to pass the course.

Laboratory information:

Check <http://www.ee.nmt.edu/~erives/classes.php> web page for more information.

Academic honesty

All students are expected to demonstrate personal integrity. Interaction among students regarding homework assignments are strongly encouraged, however each student *must show his/her 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.