

First Class January 19, 2011

Instructor:

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
- Freescale Databooks on the MC9S12

Class Schedule

Mon, Wed, Fri 13:00 – 13:50, WORKC 113

Office Hours

Mon- Fri 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 and will be done on individual basis	10
Quizzes	Short quizzes will be given on Fridays and any student may be called upon to discuss any assignment.	10
Partial tests	Three tests, and each will contain material covered since previous test	3x20=60
Final test	Comprehensive final test	20

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.