

Instructor:	S.-Y. Lee	Broun Hall 304 (844-1848) <i>leesooy@eng.auburn.edu</i>
Class:	11:00 - 11:50 MWF	Broun Hall 238
Office Hours:	2:00 - 3:00 MW	
TA's:	Andy White Rui Guo	Broun Hall 354 (<i>whitea2@tigermail.auburn.edu</i>) Broun Hall 357 (<i>rzg0022@tigermail.auburn.edu</i>)
TA Lab hours:	3:00-5:00 MTWTh	Broun Hall 308
Prerequisites:	ELEC2200 or ELEC2210	
Text:	Software and Hardware Engineering: Freescale HCS12, Cady, 2nd ed., Oxford University Press, 2007	
Grading:	Homeworks (Programming assignments, etc.)	20 %
	Project (due on 4/13, Friday)	10 %
	Prelim. 1 (in class, 2/22, Wednesday)	20 %
	Prelim. 2 (in class, 3/28, Wednesday)	20 %
	Final Exam.	30 %
Topics:	Introduction, Data representation, Addressing modes HCS12 instruction set, Modular programming, Parallel I/O Interrupt, Timer, Memory, Serial I/O, Analog Input, Multiprocessing	
Software:	Freescale CodeWarrior	

Lab:

A PC lab (Broun Hall 308) is available for ELEC2220. It is left unlocked from 9:00 a.m. to 5:00 p.m. on weekdays but locked otherwise. You need to use a code for after-hours access to this lab.

Policy:

- You are responsible for all materials covered in class, and all assignments (e.g., homeworks) and announcements made in class.
- For each topic covered in class, you are to read the corresponding sections in the textbook.
- The final course grades may be scaled *up* or *down* depending on the grade distribution.
- Late homeworks will **not** be accepted.
- It is required that you do your own work. There will be a severe penalty for copying other's work.
- If you cannot take an exam. as scheduled, inform the instructor in advance (a week before the exam.).
- Refer to <http://www.eng.auburn.edu/~sylee/ELEC2220.html> for homeworks, solutions, and project.