EAS 199B

Course Schedule

#	Date	Lecture	Laboratory	Reading	Homework
1	Jan. 03	Course organization, project overview	Review, class discussion		
2	Jan. 05	Salt chemistry	Fish tank platform construction		HW#1
3	Jan. 10	Salt gradients Salt mixtures	A. Conductivity sensor B. Reservoir fabrication		
4	Jan. 12	LCD progamming	Assembly of fish tank wet side		HW#1 Due HW#2
5	Jan. 17	No class; university holiday			
6	Jan. 19	Salt water problems, solutions	Assembly of fish tank wet side		HW#2 Due HW#3
7	Jan. 24	Quiz #1 Conservation of mass	Calibration of conductivity sensor		HW#3 Due
8	Jan. 26	Material balances Semiconductors/transistors	Cable manufacture		HW#4
9	Jan. 31	Mass conservation problems Relays, cascade switches	LCD Readout programming		
10	Feb. 02	Mass conservation review Exam review	Transistors Cascade switches		HW#4 Due
11	Feb. 07	Exam #1			
12	Feb. 09	Exam #1 Review Salinity Control Flowchart	Salinity control		HW#5
13	Feb. 14	Salinity control	Evaluation of salinity control		
14	Feb. 16	Salinity control	Evaluation of salinity control		HW#5 Due Prob.4 Due 02/18, 5:00 PM HW#6
15	Feb. 21	Thermistors	Fabrication of thermistor circuit		
16	Feb. 23	Conservation of energy	Thermistor calibration		HW#6 Due HW#7
17	Feb. 28	Fishtank heater	Fishtank temperature control		
18	Mar. 02	Programming Logic	Fishtank control programming		HW#7 Due HW#8
19	Mar. 07	Quiz #2	Fishtank Presentations		
20	Mar. 09	Open	Fishtank Presentations		HW#8 Due
	Mar. 16	Final Exam	Section 002 (10:00 class) Section 001 (2:00 class)	10:15 A to 12:30 P to	12:05 P 2:20 P