

EE332 Course Syllabus

Spring 2012

Week	Day	Lesson	Topic	Homework	PE
Week of 9 January					
1	M		No Class - Intersessionals		
	T/W		Intoduction (Monday Schedule)		
	R/F	1	Electronics Review	HW 1 <u>S</u>	PE 1 - Lab Review
Week of 16 January					
2	M		No Class - MLK		
	T/W	2	Gain, Attenuation, dB	HW 2 <u>S</u>	PE 2 - Resistor Sensor
	R/F	3 & 4	Semiconductors & Diodes	HW 3 <u>S</u>	
Week of 23 January					
3	M				PE 3 - Diodes
	T/W	5	Transistors	HW 4 <u>S</u>	PE 4 - Transistor Amp
	R/F	6	Passive Filters	HW 5 <u>S</u>	PE 5 - LP & HP Filters
Week of 30 January					
4	M	7	Tuned Circuits	HW 6 <u>S</u>	
	T/W	8	Operational Amplifiers	HW 7 <u>S</u>	PE 6 - BP Filter
	R/F	9	Active LP & HP Filters		PE 7 - Op Amps
Week of 6 February					
5	M	10	Active BP & BR Filters		
	T/W	11	Comparators		PE 8 - Active LPF & HPE
	R/F	12	Review		
Week of 13 February					
6	M		Exam I (X-period)		
	T/W	13	Fourier and Frequency Domain	HW 8 <u>S</u>	PE 9 - Fouier
	R/F	14	Amplitude Modulation I	HW 9 <u>S</u>	PE 10 - AM
Week of 20 February					
7	M		No Class - Washington's Birthday		
	T/W	15 & 16	Amplitude Mod & Demod	HW 10 <u>S</u>	
	R/F	17	Frequency Modulation I	HW 11 <u>S</u>	PE 11 - AM Demod
Week of 27 February					
8	M	18	Frequency Modulation & Noise	HW 12 <u>S</u>	
	T/W	19	Receivers	HW 13 <u>S</u>	PE 12 - FM
	R/F	20	Antennas		Intro to Soldering (ET1)
Week of 5 March					
9	M	21	Antennas II	HW 14 <u>S</u>	
	T/W	22	Propagation	HW 15 <u>S</u>	AM Radio Kit
	R/F		<i>Instructors Discretion</i>		AM Radio Kit
Week of 12 March					
Spring Break					

Week of 19 March						
11	M	23	Binary	HW 16	S	
	T/W	24	Digital Modulation			AM Radio Kit
	R/F	25	Digital Modulation II			AM Radio Kit
Week of 26 March						
12	M	26	Digital Modulation III	HW 17	S	
	T/W	27	Multiplexing			AM Radio Kit
	R/F	28	Review			AM Radio Kit
Week of 2 April						
13	M		Exam (X-period)			
	T/W	29	ADC & DAC			AM Radio Kit
	R/F	30	ADC & DAC II	HW 18	S	AM Radio Kit
Week of 9 April						
14	M	31	Combinatorial Logic	HW 19	S	WS 1 S
	T/W	32	Boolean Algebra	HW 20	S	AM Radio Kit (Final)
	R/F	33	Karnaugh Maps	HW 21	S	WS 2 S
Week of 16 April						
15	M	34	Sequential Logic I			
	T/W	35	Sequential Logic II	WS 3	HW 22	S PE 13 - Intro to Altera S
	R/F	36	Counters	WS 4	HW 23	S PE 14 - Logic S
Week of 23 April						
16	M	37	State Machines I			
	T/W	38	State Machines II	WS 5	HW 24	S PE 15 - Adders S
	R/F	39	Error Detection	WS 7	HW 25	S S
Week of 30 April						
17	M	40	<i>Instructors Discretion</i>			
	T	41	Review			

Final Exam: 1330 Tuesday, 8 May