

Directory of Classes
Department of Electrical and Computer Engineering
Western Michigan University
SPRING 2009

*****YOU MUST REGISTER FOR BOTH LAB (1 SECTION) AND LECTURE*****

ECE 1000			Fund Circ/Electronics				3.0
			Course prereq - Math 1110 and HS physics				
Lecture	12349	TR	1030-1120AM	CEAS D-204		Tanner	
Lab	15126	W	0830-1120AM	CEAS B-215	Staff		
	12355	W	1130-0220PM	CEAS B-215	Staff		
	12361	M	0330-0620PM	CEAS B-215	Staff		
	12364	M	0630-0920PM	CEAS B-215	Staff		
ECE 1010			Fund Electronics/Mach				3.0
			Course prereq - ECE 1000				
Lecture	12407	TR	1130-1220PM	CEAS D-204		Tanner	
Lab	12425	R	0230-0520PM	CEAS B-212	Staff		
	12434	W	0630-0920PM	CEAS B-212	Staff		
	15177	M	1130-0220AM	CEAS B-212	Staff		
ECE 2100			Circuit Analysis				4.0
			Course prereq - Math 1230 and Physics 2070				
Lecture	12348	MWF	0930-1020AM	CEAS D-109		Miller	
Lab	12450	T	0830-1120AM	CEAS B-215	Staff		
	12457	T	1130-0220PM	CEAS B-215	Staff		
	12462	R	1130-0220PM	CEAS B-215	Staff		
	12466	T	0230-0520PM	CEAS B-215	Staff		
	12471	R	0230-0520PM	CEAS B-215	Staff		
	12479	R	0630-0920PM	CEAS B-215	Staff		
	12483	T	0630-0920PM	CEAS B-215	Staff		
ECE 2110			Mach/Electronic Circuits				3.0
			Course prereq - ECE 2100				
Lecture	12488	TR	0830-0920AM	CEAS D-204		Tanner	
Lab	12492	T	1130-0220PM	CEAS B-212	Staff		
	12511	M	0330-0620PM	CEAS B-212	Staff		

ECE 2210	Electronics I					4.0
	Course prereq - ECE 2100, Phys 2070 and Phys 2080					
Lecture	12515	MWF	0930-1020AM	CEAS C-136	Dong	
Lab	12519	T	0830-1120AM	CEAS B-216	Staff	
	12521	R	0230-0520PM	CEAS B-216	Staff	
ECE 2500	Digital Logic					3.0
	Course prereq - Math 1110 or equivalent					
Lecture	12525	TR	0830-0920AM	CEAS D-115	Johnson	
Lab	12532	T	0930-1220PM	CEAS B-213	Staff	
	12536	R	0930-1220PM	CEAS B-213	Staff	
	12538	T	0630-0920PM	CEAS B-213	Staff	
	12544	R	0630-0920PM	CEAS B-213	Staff	
	12546	W	0630-0920PM	CEAS B-213	Staff	
ECE 2510	Intro to Microprocessors					4.0
	Course prereq - ECE 2500 and CS 1110					
Lecture	12551	TR	0430-0550PM	CEAS D-210	Atashbar	
Lab	12559	R	0930-1220PM	CEAS B-115	Staff	
	12563	R	0630-0920PM	CEAS B-115	Staff	
ECE 2990	Cooperative Education					
	Must obtain call number from Department Chair					
	Prior Departmental approval required					
*****	Hours arranged					Gesink
ECE 3100	Network Analysis					3.0
	Course prereq - ECE 2100 and Math 3740					
Lecture	12568	MWF	1030-1120AM	CEAS C-124	Abdel-Qader	
ECE 3200	Electronics II					4.0
	Course prereq - ECE 2210 and ECE 3100					
Lecture	12577	MWF	0330-0420PM	CEAS C-136	Dong	
Lab	12586	R	0830-1120AM	CEAS B-216	Staff	
	12590	T	0230-0520PM	CEAS B-216	Staff	
ECE 3300	Electrical Machinery					4.0
	Course prereq - ECE 3100 and ECE 3610					
Lecture	12600	MWF	1030-1120AM	CEAS D-204	Halasa	
Lab	12603	T	0830-1120AM	CEAS B-212	Staff	
	12611	T	0230-0520PM	CEAS B-212	Staff	

ECE 3570		Computer Architecture				3.0
		Course prereq - ECE 2510 or CS 2230				
	12606	MWF	0130-0220PM	CEAS D-202	Hardin	
ECE 3610		Electromagnetic Fields				4.0
		Course prereq - ECE 2100, Math 3740 and Phys 2070				
	12607	MWRF	1130-1220PM	CEAS D-202	Halasa	
ECE 3710		Linear Systems				3.0
		Course prereq - ECE 3100				
	12612	MWF	0230-0320 PM	CEAS C-136	Johnson	
ECE 3800		Probabilistic Methods of Signal & System Analysis				3.0
		Course prereq - ECE 3100				
	12615	MWF	0830-0920AM	CEAS C-136	Severance	
ECE 4300/5950		Electrical Power Systems				3.0
		Course prereq - ECE 3300 or taken concurrently				
	13392	MWF	0930-1020AM	CEAS D-206	Asumadu	
ECE 4500/5950		Digital Electronics				4.0
		Course prereq - ECE 2210 and ECE 2500				
Lecture	14426	MWF	0930-1020AM	CEAS D-202	Grantner	
Lab	14426	W	0630-0920PM	CEAS B-214	Staff	
ECE 4550/5550		Digital Signal Processing				3.0
		Course prereq - ECE 3800				
	12616	MWF	1130-1220PM	CEAS C-136	Abdel-Qader	
ECE 4700/5950		Feedback Systems				3.0
		Course prereq - ECE 3710				
	12619	MWF	0130-0220PM	CEAS C-141	Bazuin	
ECE 4810		Electr/Comp Engrg Design I				2.0
		Course prereq - IME 3160; consent of Department Chair				
	12621	MF	0430-0520PM	CEAS C-136	Litynski	
		W	0430-0600PM	CEAS C-136		
ECE 4820		Electr/Comp Engrg Design II				3.0
		Course prereq - ECE 4810				
		Must obtain call number from Department Office				
	12622	R	0430-0520PM	CEAS D-201	Gesink	

ECE 4900		Independent Research Junior or Senior Status				1.0 to 4.0
	*****	Must obtain approval from Department Chair Hours arranged			Staff	
ECE 5520		Switching and Finite Automata Course Prereq - ECE 2500 and CS 4540				3.0
	15956	M	0630-0920PM	CEAS C-122	Severance	
ECE 5550/4550		Adv Digital Signal Processing				
	14810	MWF	1130-1220PM	CEAS C-236	Abdel-Qader	
ECE 5570		Design of Reconfigurable Digital Machines				
	15547	T	0630-0920PM	CEAS D-205	Grantner	
ECE 5700		Digital Control Systems				
	15548	TR	0430-0550PM	CEAS D-205	Gejji	
ECE 5730		Foundations of Neural Networks				
	15555	R	0630-0920PM	CEAS C-136	Miller	
ECE 5900		Computer Engineering Seminar				1.0
	15559	W	0530-0620PM	CEAS D-201	Dawson	
ECE 5950/4300		Electrical Power Systems				3.0
	14434	MWF	0930-1020AM	CEAS D-206	Asumadu	
ECE 5950/4500		Digital Electronics				4.0
Lecture	13393	MWF	0930-1020AM	CEAS D-202	Grantner	
Lab	13393	W	0630-0920PM	CEAS B-214		
ECE 5950/4700		Feedback Systems				3.0
	14811	MWF	0130-0220PM	CEAS C-141	Bazuin	
ECE 6640		Digital Communications Course prereq - Consent of instructor				3.0
	15957	MWF	0130-0220PM	CEAS C-122	Gejji	
ECE 6700		Modern Control Theory Course prereq - ECE 3710 or Consent of instructor				3.0
	15558	T	0630-0920PM	CEAS D-201	Asumadu	

ECE 6800	Design Factors for Distributed Systems Course Prereq - ECE 6500			4.0
15560	M	0630-0920PM	CEAS C-141	Bazuin
ECE 6950	Adv. Topics in MEMS Course prereq - Consent of instructor			3.0
14807	W	0630-0920PM	CEAS D-202	Atashbar
ECE 6970	Problems in Electrical and Computer Engineering Must obtain call number from Department Chair Prior Departmental approval required			1.0 to 6.0
*****		Hours arranged		Gesink
ECE 6990	Practical Training Must obtain call number from Department Chair Prior Departmental approval required			1.0 to 6.0
*****		Hours arranged		Gesink
ECE 7000	Master Thesis Must obtain call number from Department Chair Approved application required C/NC Only-permission from the Department and the Graduate College required to enroll			1.0 to 6.0
*****		Hours arranged		Gesink
ECE 7100	Independent Research Must obtain call number from Department Office Approved application required C/NC Only-permission from the Department and the Graduate College required to enroll			2.0 to 6.0
*****		Hours arranged		Gesink
ECE 7300	Doctoral Dissertation Must obtain call number from Department Office Approved application required C/NC Only-permission from the Department and the Graduate College required to enroll			1.0 to 15.0
*****		Hours arranged		Gesink

Undergraduate Advising 276-3270

Graduate Advising 276-3150

John Gesink