

ECCS 2311 Electric Circuits
Fall Semester 2018/19 Schedule

Wk #	Wk Begin	Monday	Wednesday	Friday	Laboratory
1	08/20	1.1-1.4	1.4-1.5	2.5-2.7	
			HW 1 1.3, 1.14, 1.19	HW 2 2.13, 2.14, 2.18	
2	08/27	3.1-3.3	4.1-4.4	5.1-5.3	Lab 1: Ohm's Law & Power Rating
		HW 3 3.4, 3.14, 3.18	HW 4 4.6, 4.11, 4.15, 4.17	HW 5 5.2, 5.5, 5.6, 5.13	
3	09/03	Labor day	6.1-6.2	6.2-7.1	Lab 2: KVL & Voltage Dividers [Questions 1 Due]
		No Class	HW 6 6.2, 6.3, 6.19	HW 7 6.7, 6.20	
4	09/10	7.1-7.2	8.1-8.2	8.3	Lab 3: Node & Mesh Analysis
		HW 8 7.1, 7.3, 7.10, 7.17	HW 9 8.2, 8.3, 8.4	HW 10 8.5, 8.8, 8.9	
5	09/17	8.3-8.4	8.5	9.1-9.3	Lab 4: Superposition Theorem
		HW 11 8.6, 8.7, 8.14	HW 12 8.17, 8.19, 8.20	HW 13 9.2, 9.6, 9.9	
6	09/24	Material Reinforcement	Exam 1	9.3	Lab 5: Thevenin & Max Power [Questions 2 Due]
			Chapters 1-8	HW 14 9.11, 9.19, 9.20	
7	10/01	10.1-10.2	10.3	11.1-11.2	Lab 6: Op Amp Circuits [Project Assigned]
		HW 15 10.2, 10.7, 10.8	HW 16 10.14, 10.15, 10.17	HW 17 11.3, 11.4, 11.5	
8	10/8	Fall Break	11.3	RC & RL examples	Lab 7: Circuit Design (Take Home)
		No Class	HW 18 11.12, 11.13, 11.14	HW 19 11.11, 11.16	
9	10/15	12.1-12.4	12.4.1-12.5	12.6-12.8	Lab 8: 1 st Order Circuit [Exploration & Analogy Reflection Assigned]
		HW 20 12.1, 12.2, 12.3, 12.5	HW 21 12.6, 12.7, 12.8	HW 22 12.10, 12.11, 12.13	
10	10/22	12.9-12.11	Material Reinforcement	Exam 2	Lab 9: AC RC Circuit [Questions 3 Due]
		HW 23 12.15, 12.19, 12.20		Chapters 9-12	
11	10/29	13.1-13.4	13.5	14.1-14.3	Lab 11: RLC Circuit [Design Alts Due]
		HW 24 13.4, 13.10, 13.11	HW 25 13.14, 13.15, 13.17	HW 26 14.1, 14.2, 14.4	
12	11/05	14.3-14.5	14.6	14.7-14.9	Lab 10: AC Circuit Analysis [Analogy Reflection Due]
		HW 27 14.6, 14.8, 14.9, 14.11	HW 28 14.13, 14.15	HW 29 14.17, 14.18, 14.20	
13	11/12	14.9-14.11	15.1-15.3	15.4	Design Project Implementation [Exploration Due]
		HW 30 14.21, 14.24, 14.27	HW 31 15.1, 15.2, 15.3	HW 32 15.4, 15.5	
14	11/19	Thanksgiving	Thanksgiving	Thanksgiving	Lab 12: Take-Home
		No Class	No Class	No Class	
15	11/26	15.4	15.5	16.1-16.6	Lab 13: PF Correction [Final Proposals Due]
		HW 33 & HW 34 15.8, 15.9 + 15.10, 15.11, 15.15	HW 35 15.17, 15.18, 15.19	HW 36 16.3, 16.5, 16.6	
16	12/03	16.6-16.7	Review	Review	Lab 14: 3 Phase Circuits Lab Final
		HW 37 16.10, 16.11, 16.14			