

ENGR 356 - Electronics I
Winter 2020 Schedule

Date		Topic		Reading	HW due
M	Jan. 6	Introduction; Signals (chapter 1)			
W	8	Amplifiers		pg23-44	
F	10	OpAmps (chapter 2)		pg59-72	
M	13	OpAmps		pg73-87	
W	15	OpAmps		pg87-105	
F	17	OpAmps		pg106-116	
M	20	OpAmps		pg117	
W	22	OpAmps			
F	24	Semiconductors (chapter 3)		pg137-149	
M	27	Semiconductors		pg150-169	
W	29	Midterm 1 (chapters 1,2)			
F	31	Diodes basics (chapter 4)		pg175-189	
M	Feb. 3	Diodes modeling		pg190-207	
W	5	Diodes Rectifiers		pg208-229	
F	7	BJT NPN/PNP operation (chapter 6)		pg305-319	
M	10	BJT current-voltage characteristics		pg319-337	
W	12	BJT breakdown & temperature affects		pg338-355	
F	14	MOSFET device structure (chapter 5)		pg245-258	
M	17	Presidents' Day - no class			
W	19	MOSFET current-voltage characteristics		pg258-272	
F	21	MOSFET circuits at DC		pg273-285	
M	24	Midterm 2 (chapters 3,4,6)			
W	26	Amplifiers basics (chapter 7)		pg366-380	
F	28	Amplifiers BJT small signal		pg397-417	
M	March 2	Amplifiers basic configurations; CE		pg418-433	
W	4	Amplifiers common base		pg434-448	
F	6	Amplifiers biasing		pg448-460	
M	9	Amplifiers Common-Emitter		pg464-468	
W	11	Amplifiers Common-Base, emitter follower		pg469-474	
F	13	Wrap-up			
Monday March 16		Final Exam Time		10:00am - 11:50am	