

Date	Lecture Topics	Lab
01/10	Introduction	No Lab
01/12	Review of AC (Complex) Power	
01/14	Review of AC (Complex) Power	
01/17	☹☹☹☹☹☹ No Classes ☹☹☹☹☹☹	No Lab
01/19	Applied Magnetics	
01/21	Applied Magnetics	
01/24	Magnetic Circuits	1
01/26	Ideal Transformers	
01/28	Ideal Transformers	
01/31	Practical Transformers	2
02/02	Practical Transformers	
02/04	Practical Transformers	
02/07	Transformer Applications	3
02/09	Three-Phase (3Φ) Systems	
02/11	3Φ Systems	
02/14	3Φ Transformers	4
02/16	Review	
02/18	☹☹☹☹☹☹ Exam I ☹☹☹☹☹☹	
02/21	Electro-Mechanical Systems / Machine Ratings	5
02/23	3Φ Induction Machines	
02/25	3Φ Induction Motors	
02/28	3Φ Induction Motors	6
03/02	3Φ Induction Motors	
03/04	NEMA Ratings of 3Φ Induction Motors	
03/07	☹☹☹☹☹☹ No Classes ☹☹☹☹☹☹	Spring Break
03/09	☹☹☹☹☹☹ No Classes ☹☹☹☹☹☹	
03/11	☹☹☹☹☹☹ No Classes ☹☹☹☹☹☹	
03/14	3Φ Induction Generators	7
03/16	1Φ Induction Motors	
03/18	TBD	
03/21	DC Machines	8
03/23	DC Machines	
03/25	DC Motors	
03/28	DC Motors	9
03/30	Review	
04/01	☹☹☹☹☹☹ Exam II ☹☹☹☹☹☹	
04/04	DC Generators	10
04/06	DC Generators	
04/08	Synchronous Machines	
04/11	Synchronous Machines	11
04/13	Synchronous Motors	
04/15	Synchronous Generators	
04/18	Synchronous Generators	12
04/20	Power System Applications	
04/22	Power System Applications	
04/25	TBD	13
04/27	Review	
04/29	☹☹☹☹☹☹ Exam III ☹☹☹☹☹☹	
05/02	Last Day of Class	
05/09	M 1:00pm – 3:00pm	☹☹☹☹☹☹ Final Exam ☹☹☹☹☹☹