

ELEC-E8407 Electromechanics

Schedule 2023 (22 h Le, 20 h Ex, 6 h Lab, 3 h Exam)

Lectures: 1st period T1 – C202, 2nd period T2 – C105

Exercices: T2 – C105

Week	Day	Time		Topic	Pages	Problems
37	12.9	12-14	Le	Introduction, Magnetic circuits	1-31	
		14-16	Ex	Exercise 1, Magnetic circuits		
38	19.9	12-14	Le	DC-machines	121-153	
		14-16	Ex	Exercise 2, DC-machines		
39	26.9	12-14	Le	DC-machines	153-187	
		14-16	Ex	Exercise 3, DC-machines		
40	3.10	12-14	Le	Transformers	41-75	
		14-16	Ex	Exercise 4, Transformers		
41	10.10	12-14	Le	Transformers	75-88	
		14-16	Ex	Exercise 5, Transformers		
42	17.10	12-14		Exam week		
		14-16		No Lectures or Exercises		
43-44	16-27.10			Laboratory 1: Transformer		
43	24.10	14-16	Ex	Energy conversion		
		14-16	Ex	Exercise 6, Energy conversion		
44	31.10	12-14	Le	Induction machines	249-277	
		14-16	Ex	Exercise 7, Induction machines		
45	7.11			Teaching canceled (both lectures and exercises)		
46	14.11	12-14	Le	Induction machines	292-326	
		14-16	Ex	Exercise 8, Induction machines		
47-48	7-18.11			Laboratory 2: Induction machine		
47	21.11	12-14	Le	Synchronous machines	326-350	
		14-16	Ex	Exercise 9, Synchronous machines		
48	28.11	12-14	Le	Synchronous machines		
		14-16	Ex	Exercise 10, Synchronous machines		
49	5.12	13:00-16:00	TU1 1017	Examination		