Fundamentals of Electrical Circuits and Systems 2
Autumn 2025
Agenda

04.11 @1:15-4:00	Lecture	Introduction, Basic concepts - circuit elements
04.11 @4:15-5:00	LTSpice	LTSpice Exercise 1: Introduction to LTSpice
11.11 @1:15-3:00	Lecture	Kirchhoff's laws, Fundamental theorems
11.11 @3:15-5:00	Exercises	Problem Sets 1 and 2
18.11 @1:15-3:00		Exam Part I (Prof. Thiran)
18.11 @3:15-4:00	Lecture	Nodal analysis, Mesh analysis
18.11 @4:15-5:00	LTSpice	LTSpice Exercise 2 : DC Analysis
25.11 @1:15-3:00	Lecture	Sinusuoidal regime: phasors, impedance, admittance
25.11 @3:15-5:00	Exercise, LTSpice	Problem Set 3, LTSpice Exercise 3: Impedance
02.12 @1:15-4:00	Lecture	Sinusuoidal regime: Thévenin/Norton equivalents, Active and reactive power
02.12 @4:15-5:00	Exercise, LTSpice	Problem Sets 4 and 5, LTSpice Exercise 4: Cos phi
09.12 @1:15-4:00	Lecture	Three-phase circuits
09.12 @4:15-5:00	Exercise	Problem Sets 7 and 8
16.12 @1:15-4:00	Lab Session	Circuits in sinusoidal regime
16.12 @4:15-5:00	Exercise	Problem Set 9

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