

Block plan

Student Group

First Name	Surname	Matrikel Nr.

Table of Contents

Block plan

2

Block plan

Introduction in Electrical Engineering 2

Chapter 1 — Switching operations in DC networks

- Block 01 — Charging/discharging an RC element

Chapter 2 — AC Networks (approx. 5 blocks, based on previous lectures on Intro to AC and AC circuits)

- Block 02 — Sinusoidal quantities and L, C in AC
- Block 03 — Complex calculation
- Block 04 — Complex Power
- Block 05 — R, L, C with alternating current
- Block 06 — Oscillating circuits

Chapter 3 — Semiconductor

Components (approx. 4 blocks, based on previous lectures on [Diodes](#) and [Transistors](#))

- Block 07 — Semiconductor Fundamentals and Diodes
- Block 08 — Application of Diodes
- Block 09 — Transistors
- Block 10 — Application of Transistors

Chapter 4 — Switching operations in DC networks

- Block 11 — Switching coils
- Block 12 — Magnetically coupled coils

From:

<https://wiki.mexle.te.hs-heilbronn.de/> - MEXLE Wiki

Permanent link:

https://wiki.mexle.te.hs-heilbronn.de/electrical_engineering_and_electronics_2/start

Last update: 2026/03/05 02:07

