

# Block plan

## Student Group

| First Name | Surname | Matrikel Nr. |
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# 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](#)

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