

introduction_in_ee1

Student Group

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0. Introduction to electrical Engineering

0.0 myself

My Resume

My Resume

My Resume

My Resume

My Resume

my subjects

- Electrical Engineering I/II
- Introduction to Digital Systems
- Circuit Design
- Elektronik Labor (German, Electronics Laboratory)
- Microcontrollertechnik (German, Microcontroller Technology)
- Elektronische Systeme (German, Electrical Systems)

further connections

- Laborarbeit (mixed, Laboratory work)
- Bachelor-Seminararbeit (mixed, Student Research Project for Bachelor)
- Bachelor-Thesis (mixed)
- Master Seminararbeiten (mixed, Student Research Project for Master)
- Master Thesis (mixed)
- Promotions-Thesis (mixed)

0.0 You

A glance around

Point of Origin

0.1 What does your future look like?

Outlook



Overview of the Lectures (MR)

0.2 What should you bring with you?

General



- Ability to engage with abstract issues
- Motivation to learn not only during lectures but also lecture-accompanying
- The secret of "to be able" lies in "to want"

Mathematics/Physics



- Understanding of physical problems
- Vectors
- Linear systems of equations/matrices
- Differential and integral calculus
- complex numbers

0.3 Sources for "Aftermath"

| | |
|-----------|--|
| G Hagmann | Grundlagen der Elektrotechnik, AULA-Verlag about the same level as the course; covers ET1 and ET2 (German) can be found analog in the library Heilbronn Sontheim |
|-----------|--|

- Note: A legible and comprehensible calculation process must be available for each result.

0.6 Further information on EE2

ILIAS course

- The course for Electrical Engineering II can be found in [ILIAS](#):
Fakultät für Mechanik und Elektronik » Mechatronik und Robotik (Bachelor) » SPO 1 Englisches Grundstudium
» Basic studies in English » (134540) Electrical Engineering »
[\(134542\) Electrical Engineering 2 - Prof. Dr. Tim Fischer](#)

Written exam EE2

- Time: 120 minutes
- allowed aids in the exam:
 - scientific, non-programmable calculator
 - 2 double-sided sheets DIN-A4 handwritten formulary
(or 4 one-sided sheets)
- Note: A legible and comprehensible calculation process must be available for each result.

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