

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 to the Lectures (MR)



Overview to 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"

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|------------|--|
| G Hagemann | Grundlagen der Elektrotechnik , $\begin{aligned} & \text{\text{AULA-Verlag}} \end{aligned}$ & $\text{\text{about the same level as the course; covers ET1 and ET2 (German)}}$ |
|------------|--|

0.6 Further information on ET2

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

- Time: 120 minutes
- allowed aids in exam:
 - pocket calculator
 - 2 sheets DIN-A4 handwritten formulary
- Note: A legible and comprehensible calculation process must be available for each result.

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