

introduction_in_ee1

Student Group

First Name	Surname	Matrikel Nr.

Table of Contents

- 0. Introduction to electrical Engineering 2**
- 0.0 myself 2**
- My Resume 2
- My Resume 2
- My Resume 2
- My Resume 2
- My Resume 2
- my subjects 2
- further connections 2
- 0.0 You 3**
- A glance around 3
- Point of Origin 3
- 0.1 What does your future look like? 3**
- Outlook 3
- Overview of the Lectures (MR) 3
- Overview of the Lectures (MR) 4
- 0.2 What should you bring with you? 5**
- General 5
- Mathematics/Physics 5
- 0.3 Sources for "Aftermath" 5**
- 0.4 Scared by the topics in the first week? 6**
- Further information on ET1 6**
- ILIAS course 6
- Tutorials 6
- Written exam 6
- 0.6 Further information on ET2 7**
- ILIAS course 7
- Written exam 7

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)



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 Haggmann	Grundlagen der Elektrotechnik , AULA-Verlag 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 the exam:
 - pocket calculator
 - 2 sheets DIN-A4 handwritten formulary
- Note: A legible and comprehensible calculation process must be available for each result.

From:
<https://wiki.mexle.org/> - **MEXLE Wiki**

Permanent link:
https://wiki.mexle.org/electrical_engineering_1/introduction_in_ee1?rev=1679912476

Last update: **2023/03/27 12:21**

