

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
- 0.5 Further information on EE1** 6
 - Tutorials 6
 - Written exam EE1 6
- 0.6 Further information on EE2** 6
 - Written exam EE2 6

0. Introduction to electrical Engineering

0.0 myself

My Resume

My Resume

My Resume

My Resume

My Resume

my subjects

- Electrical Engineering and Electronics I/II
- Electronics Laboratory
combined with Elektronik Labor
- Microcontroller Technology
combined with Microcontrollertechnik
- Electronic Systems
combined with Elektronische Systeme

further connections

- Projects Studies (Laborarbeit)
- Student Research Project for Bachelor
(Bachelor-Seminararbeit)
- Bachelor-Thesis
- Student Research Project for Master
(Master Seminararbeiten)
- Master Thesis
- Promotions-Thesis

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"

V Hacker, et al	Electrical Engineering - Fundamentals: A great, compact textbook covering about the same range as this course. (Use University VPN to get the textbook)
-----------------	--

- 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.

From:

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

Permanent link:

https://wiki.mexle.org/electrical_engineering_1/introduction_in_ee1

Last update: **2025/09/30 11:21**

