

# 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 EE1** ..... 6
- ILIAS course ..... 6
- Tutorials ..... 6
- Written exam EE1 ..... 6
- 0.6 Further information on EE2** ..... 7
- ILIAS course ..... 7
- Written exam EE2 ..... 7

# 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"

G Hagmann	<b>Grundlagen der Elektrotechnik,</b> 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.

From:

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

Permanent link:

[https://wiki.mexle.org/electrical\\_engineering\\_1/introduction\\_in\\_ee1?rev=1759105728](https://wiki.mexle.org/electrical_engineering_1/introduction_in_ee1?rev=1759105728)

Last update: **2025/09/29 02:28**

