

Course Manual GE1

Fundamentals of Electrical Engineering 1

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– General information

Long name	Fundamentals of Electrical Engineering 1
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Approving CModule	GE1_BaET
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Responsible	Prof. Dr. Johanna May Professor Fakultät IME
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Valid from	winter semester 2020/21
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Level	Bachelor
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Semester in the year	winter semester
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Duration	Semester
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Hours in self-study	60
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ECTS	5
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Professors	Prof. Dr. Johanna May Professor Fakultät IME
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Requirements	Calculations with power functions and unit prefixes, find values of formulas, create diagrams and read, physical basics
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Language	German, English if necessary
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Separate final exam	Yes
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Literature

Final exam

Details	exam
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Minimum standard	part A: 70% of points, part B: 33% of points
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Exam Type	EN Klausur
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– Lecture / Exercises

Learning goals

Goal type	Description
Knowledge	see module description

Special requirements

none

Expenditure classroom teaching

Type	Attendance (h/Wk.)
Lecture	2
Exercises (whole course)	1
Exercises (shared course)	2
Tutorial (voluntary)	2

Accompanying material manuscript, slides

Separate exam No

– Practical training

Learning goals

Goal type	Description
Knowledge	see module description (ULP GE1)

Special requirements

none

Expenditure classroom teaching

Type	Attendance (h/Wk.)
Practical training	0
Tutorial (voluntary)	0

Accompanying material manuscripts

Separate exam Yes

Separate exam

Exam Type EN praxisnahes Szenario bearbeiten (z.B. im Praktikum)

Details lab course and report fulfilled successfully

Minimum standard all lab classes passed