

INTERNATIONAL STUDENTS INFORMATION

Fachschaft MACH/CIW



10.10.2023

Fachschaft Maschinenbau/Chemieingenieurwesen



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FIRST OF ALL: WELCOME AT KIT!

Fachschaft MACH/CIW



FIRST THINGS FIRST...



What you will have after this talk:

- Overview of your study journey and „survival“-tips for life at university
- Presentation as a first approach for later questions
- List of important contacts for further questions

What will not be shown to you:

- Step by step guide to organize your studies.



**Don't panic, if the information given to you overwhelms you!
This is a first orientation to get a overview!**



DISCLAIMER



This is a first time event for us as the FACHSCHAFT. Please give us your feedback after the information event.

Most of the information shown to you will be redundant with the German information events later this day. Only the specific regulations in the single courses of study will differ. You are invited to these information events, but keep in mind that we will not be able to translate them!



WHO ARE WE?

Get to know the Fachschaft



DIE FACHSCHAFT



10.10.2023

Fachschaft Maschinenbau/Chemieingenieurwesen



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FACHSCHAFT



- Student Council → We represent students
- Representation in official committees at KIT
 - department council,
 - examination board, ...
- Consulting of Students for Students
- Sale of old exams
- Organization of student events
 - Winter or summer party, O-Phase, ...



Consultation hours:

Mo, We, Fr
12:30 pm – 02:30 pm



If you are interested in joining the Fachschaft, just join the O-Phase-Event
“Hinter den Kulissen” or speak to students in the Fachschaft



WHO DO WE REPRESENT?



KIT Department of Mechanical Engineering

- Mechanical Engineering (MACH)
- Mechanical Engineering International (MEI)
- Material Science and Engineering (MATWERK)
- Mechatronics and Information Technology (MIT)
- Naturwissenschaft und Technik (NWT) (teachers degree in Germany)

KIT Department of Chemical and Process Engineering

- Chemical and process engineering (CIW)
- Bioengineering (BIW)



SEMESTER EMAIL-DISTRIBUTOR



Relevant information for your studies like:

- Start of old exam sales
- excursions at companies
- Crew for the O-Phase
- Departments teaching award

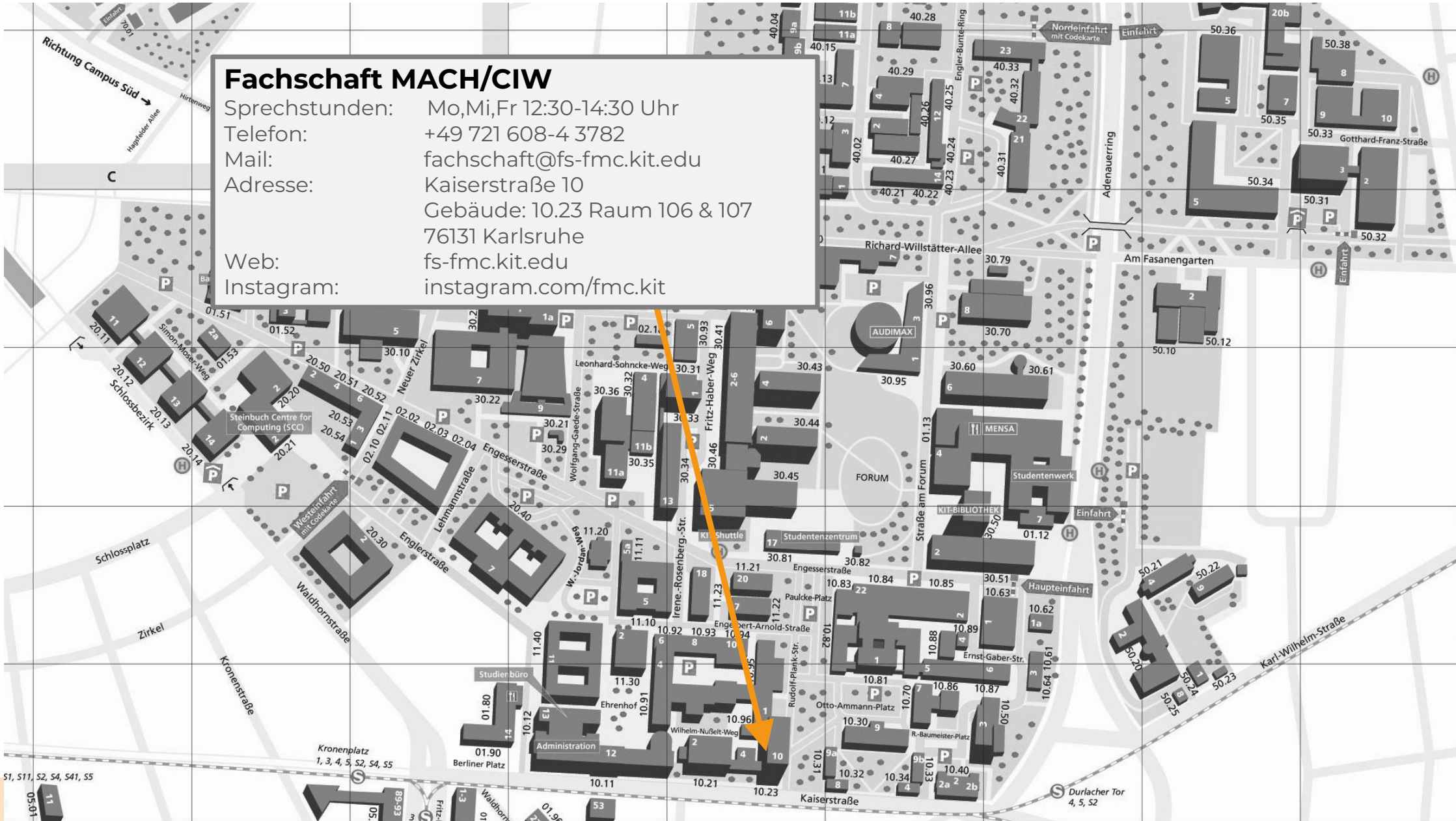


<https://www.fs-fmc.kit.edu/semesterverteiler>



Fachschaft MACH/CIW

Sprechstunden: Mo, Mi, Fr 12:30-14:30 Uhr
Telefon: +49 721 608-4 3782
Mail: fachschaft@fs-fmc.kit.edu
Adresse: Kaiserstraße 10
Gebäude: 10.23 Raum 106 & 107
76131 Karlsruhe
Web: fs-fmc.kit.edu
Instagram: [instagram.com/fmc.kit](https://www.instagram.com/fmc.kit)



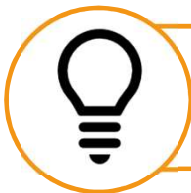
LEGAL FRAMEWORK

§



THE SPO: YOUR „CONSTITUTION“

- Studien- und Prüfungsordnung (SPO)
 - Studies- and examination regulation
- Regulates every juristic question of your studies, like...
 - ... duration of studies
 - ... structure of studies
 - ... structure and regulations for examination
 - ... adjustment for disadvantages (like chronical illness, ...)
 - ...



This is not relevant for the everyday student life but is worth a look if you have any questions!



Universität des Landes Baden-Württemberg und
nationales Forschungszentrum in der Helmholtz-Gemeinschaft

Amtliche Bekanntmachung

2015 Ausgegeben Karlsruhe, den 06. August 2015 Nr. 76

Inhalt Seite

Studien- und Prüfungsordnung des Karlsruher Instituts für
Technologie (KIT) für den Bachelorstudiengang Chemie-
ingenieurwesen und Verfahrenstechnik 588

<https://www.ciw.kit.edu/2590.php>



THE SPO: YOUR „CONSTITUTION“

Kind of Degree:

Bachelor of Science (B.Sc.)

Regular time for your studies:

6 semesters

Maximum time for your studies :

9-12 semesters depending on course of study

Credit Points (ECTS):

180



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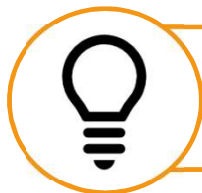
<https://www.ciw.kit.edu/2590.php>



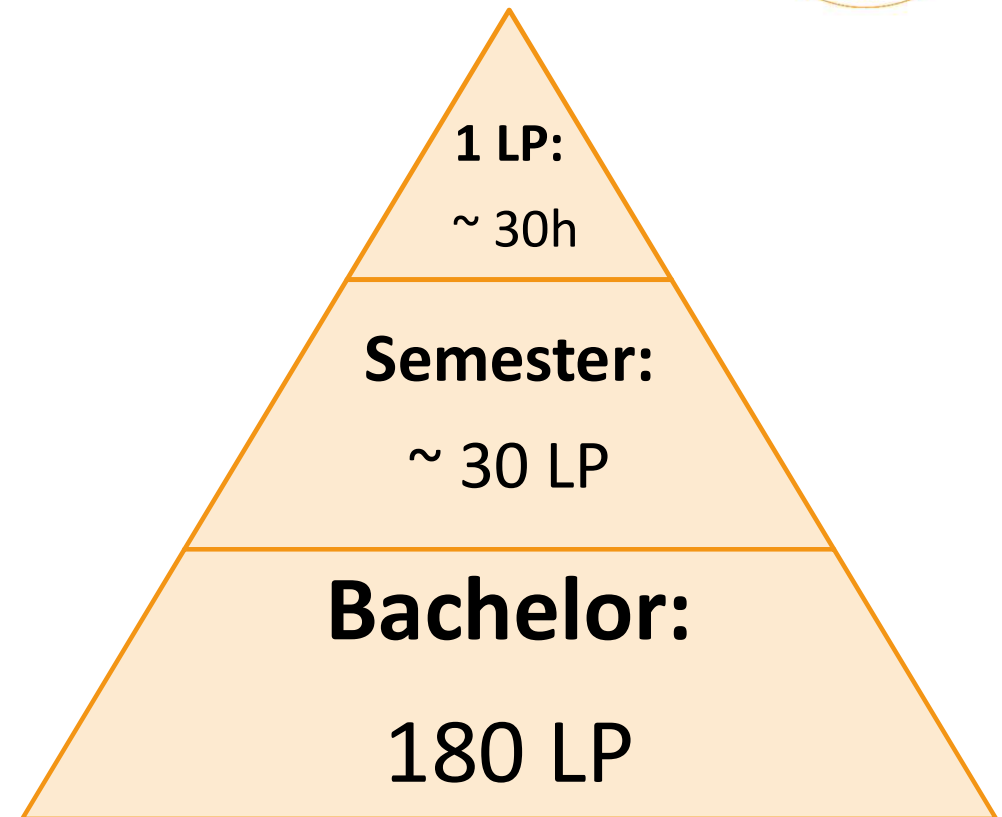


CREDIT POINTS (LP)

- German: Leistungspunkte → LP
- Every successful examination grants LP
- Measure for time consumption of a course
- Can be achieved overseas!



LP are also called ECTS:
European Credit Transfer System



ORIENTATION EXAMS



Attention:

- ✓ Must be written the first time until the end of the second semester
- ✓ Must be passed until the end of the third semester

MACH (german):

- TM I
- AM I

MEI (english)

- TM I
- AM I
- TM II

MIT (german)

- TM I
- LEN

CIW (german)

- AM I
- AOC

BIW (german)

- AM I
- Bing I: Genetik und Zellbiologie



THE MODUL HANDBOOK

- Regulation for modules in your study, including...
 - ... a list of all mandatory and chooseable courses
 - ... content of the module
 - ... ECTS
 - ... requirements
 - ... catalogue for chooseable courses in a module



Relevant source of information for everyday student life, really worth a look!



**Modulhandbuch
Chemieingenieurwesen und Verfahrenstechnik Bachelor
2015 (Bachelor of Science (B.Sc.))**

SPO 2015
Sommersemester 2023
Stand 02.03.2023

KIT-FAKULTÄT FÜR CHEMIEINGENIEURWESEN UND VERFAHRENSTECHNIK

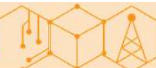


KIT – Die Forschungsuniversität in der Helmholtz-Gemeinschaft

www.kit.edu

<https://www.ciw.kit.edu/1659.php>

https://www.ciw.kit.edu/download/WS2324_Bachelor_BIW_SPO2023.pdf



THE MODUL HANDBOOK



5.4 Fundamentals of Engineering

Credits
137

Mandatory		
M-MACH-106380	Electrical Engineering and Mechatronics	8 CR
M-MACH-106376	Manufacturing Technology and Materials Science	15 CR
M-MATH-102859	Advanced Mathematics	21 CR
M-MACH-106388	IT and Data Science	7 CR
M-MACH-106375	Mechanical Design	20 CR
M-MACH-106379	Machines and Processes of Energy Conversion	7 CR
M-MACH-102564	Measurement and Control Systems	7 CR
M-MACH-105902	Sustainable Production Economics	5 CR
M-MACH-106381	Project	5 CR
M-MACH-106378	Fluid Mechanics	7 CR
M-MACH-106374	Engineering Mechanics	21 CR
M-MACH-106377	Technical Thermodynamics	14 CR



A MODUL



M 6.1 Module: Advanced Mathematics [M-MATH-102859]

Responsible: Prof. Dr. Roland Griesmaier
Organisation: KIT Department of Mathematics
Part of: Fundamentals of Engineering

Credits 21	Grading scale Grade to a tenth	Duration 3 terms	Language German	Level 1	Version 1
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Mandatory			
T-MATH-100525	Tutorial Advanced Mathematics I	0 CR	Arens, Griesmaier, Hettlich
T-MATH-100526	Tutorial Advanced Mathematics II	0 CR	Arens, Griesmaier, Hettlich
T-MATH-100527	Tutorial Advanced Mathematics III	0 CR	Arens, Griesmaier, Hettlich
T-MATH-100275	Advanced Mathematics I	7 CR	Arens, Griesmaier, Hettlich
T-MATH-100276	Advanced Mathematics II	7 CR	Arens, Griesmaier, Hettlich
T-MATH-100277	Advanced Mathematics III	7 CR	Arens, Griesmaier, Hettlich

- Competence certificate
- Prerequisites
- Competence goals

- Content
- Workload (In class and independent) → Only estimated, can differ!
- Learning Type



YOUR STUDIES



10.10.2023

Fachschaft Maschinenbau/Chemieingenieurwesen



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HOW TO STUDY AT UNIVERSITY



You have:

- A list of courses you have to pass
- Your own responsibility to reach your study goal
- Most of the time very condensed and fast contents in lectures, faster than in school!



INTERDISCIPLINARY QUALIFICATION



SpZ



LECTURE PERIOD



10.10.2023

Fachschaft Maschinenbau/Chemieingenieurwesen



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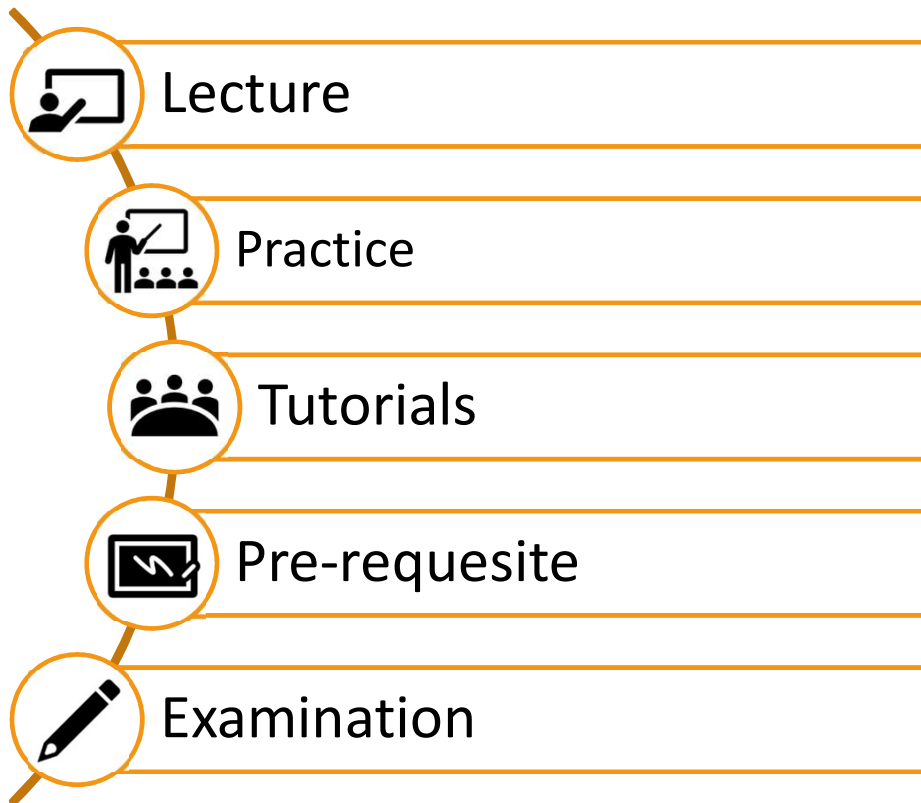
LESSON TABLES



THE GENERIC COURSE AT KIT



THE GENERIC COURSE AT KIT

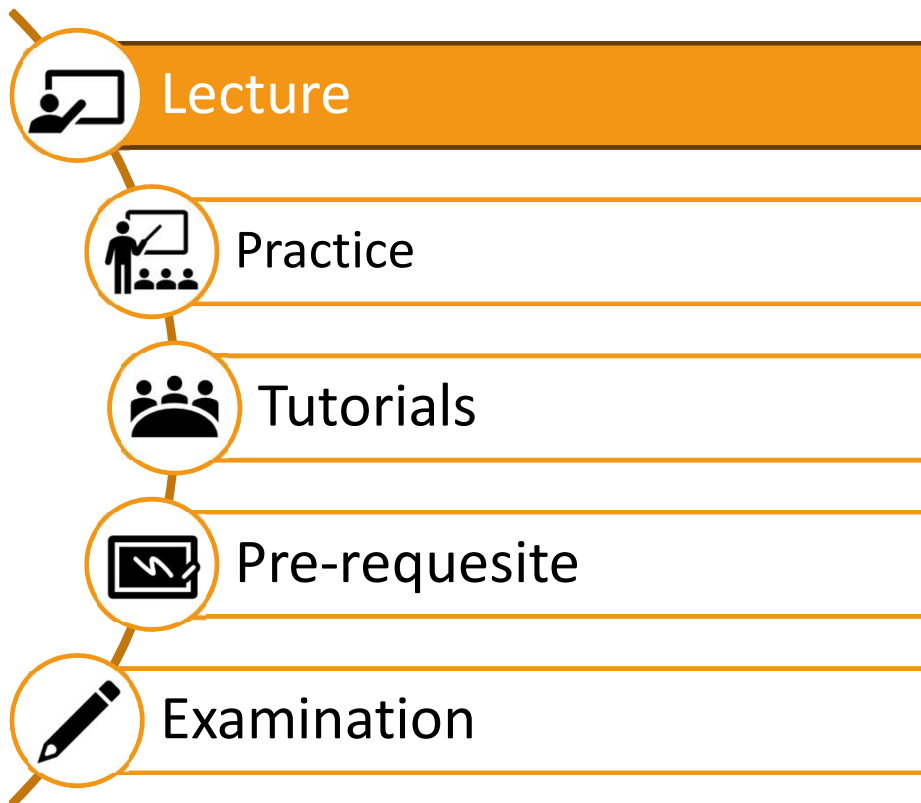


Attention:


- ✓ Most courses slightly differ from this generic course structure



THE GENERIC COURSE AT KIT



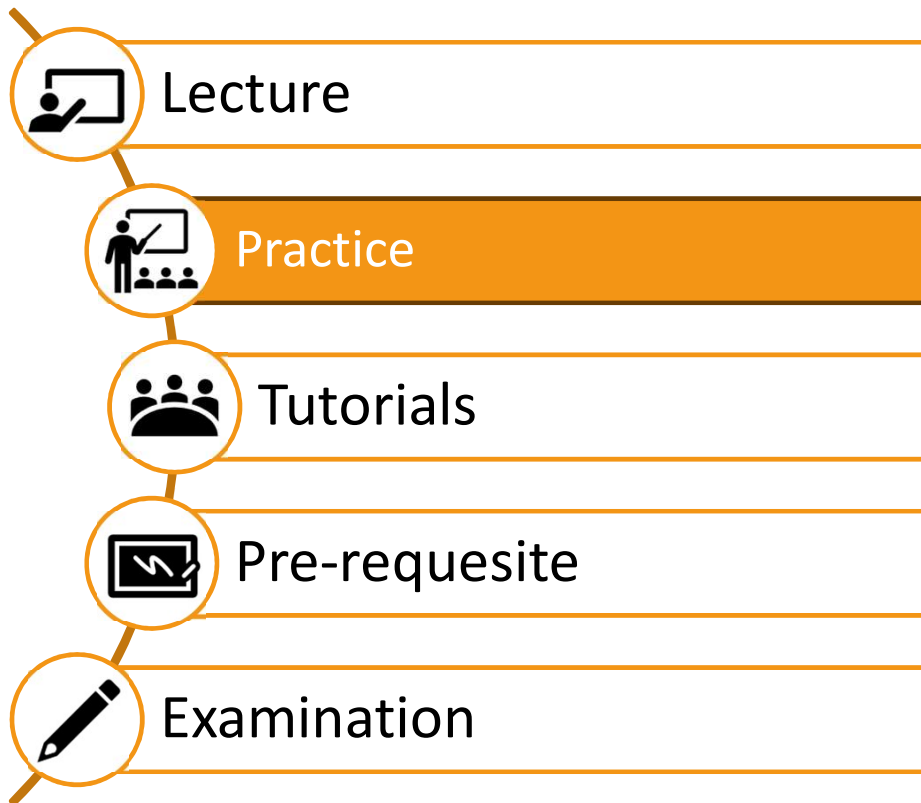
- Lecturers (mostly professors) are holding their presentation
- Mostly theoretical information and derivations



You are not understanding what your prof is telling you? Don't panic, you are not alone, and knowledge will come!



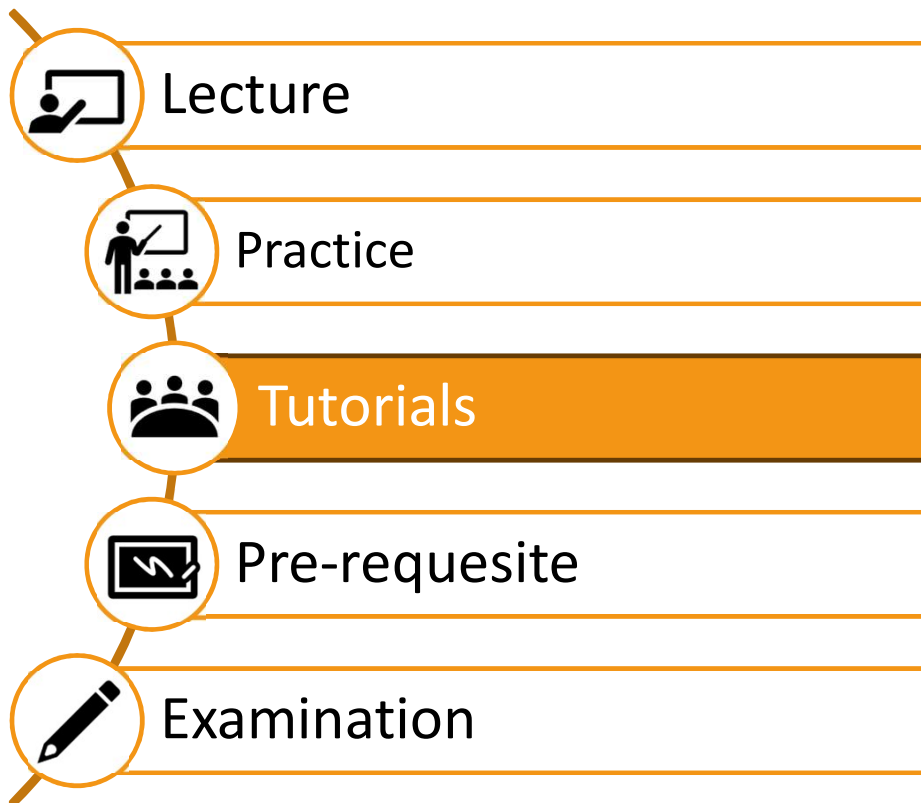
THE GENERIC COURSE AT KIT



- Examples will be calculated by lecturers (mostly research associates of the professor)
- Tasks are really close to the examinations



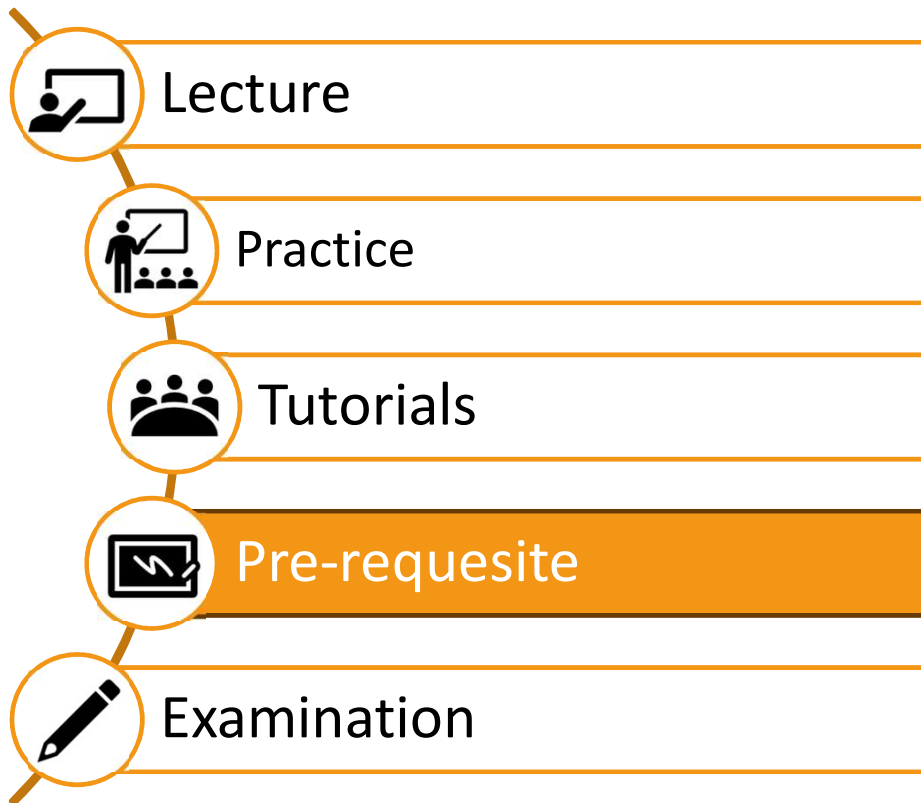
THE GENERIC COURSE AT KIT



- Working in Groups sized like classes in school
 - Tasks to calculate alone (or in groups)
 - Student tutors or research associates will help you with your questions
- Big learning effect, very effective in most cases!



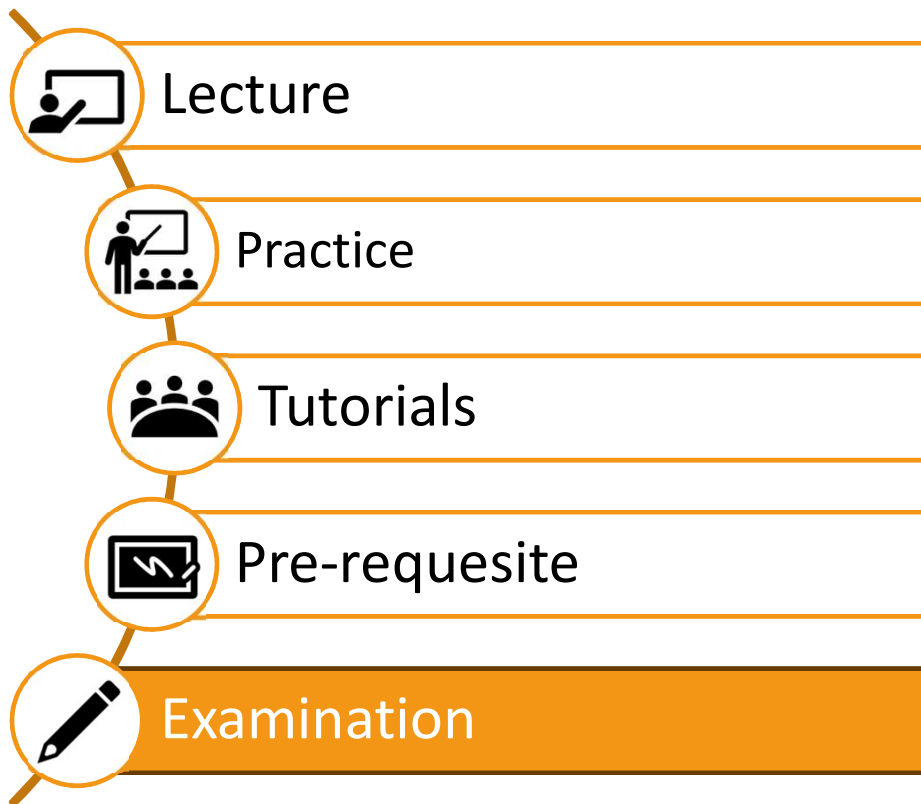
THE GENERIC COURSE AT KIT



- Pre-Requisite to be able to write your examination
- Mostly homework and online tests, but also maybe laboratories
- Not valued with a grade, but sometimes containing a grade bonus for good participation



THE GENERIC COURSE AT KIT



- Written (60 – 180 minutes)
- Oral (10 – 60 minutes)
- Rare: Examinations of a different kind (term papers, ...)
- Allowed tools (calculator, dictionary, ...) will be announced in advance!



THE GENERIC COURSE AT KIT

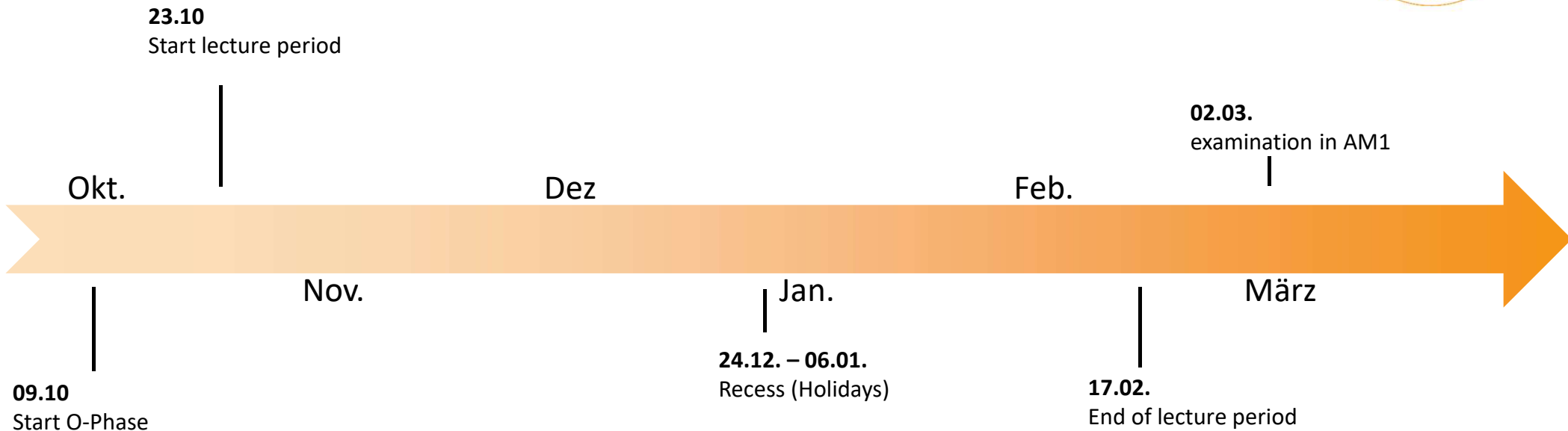
 Lecture	<ul style="list-style-type: none">✓ No attendance duty✓ No registration needed
 Practice	<ul style="list-style-type: none">✓ No attendance duty✓ No registration needed
 Tutorials	<ul style="list-style-type: none">✓ No attendance duty✓ Often registration is needed
 Pre-requisite	<ul style="list-style-type: none">✓ Registration is mandatory



Attention:

This general information may differ for your courses! Only the information in the module handbook is mandatory to follow for institutes!

THE FIRST SEMESTER (GENERIC)



Disclaimer: Further information for your specific course of study can be found at the German information event later this day!



~~RECESS~~

Examination period





REGISTRATION FOR EXAMS

- Examinations regularly are held once in a term
- Registration at www.campus.studium.kit.edu
- Keep in mind: The registration deadlines are varying!
 - Registration will be announced in lectures and practices
 - Best practice: Register ASAP, you can revoke your registration until the last moment!

Fristen

Anmeldefrist: 28.04.2023 12:00 - **01.06.2023 12:00**

Anmeldefrist endet in 31 Tagen, 18 Stunden, 32 Minuten

Abmeldefrist: 28.04.2023 12:00 - **01.06.2023 12:00**


Abmeldefrist endet in 31 Tagen, 18 Stunden, 32 Minuten



REGISTRATION FOR EXAMS



Help, I can't register anymore!!!

- Kindly ask your examiners, if a registration is still possible 
- Sometimes this can be possible!
- In most cases, you have to write the exam in the next term



RESIGN FROM YOUR EXAM



Written exam:

- ✓ **Online** until the deadline written in CAS
- ✓ **In Person** until the start of the examination **without having to name any reason!**



Oral exam:

- ✓ **3 Working days before the exam** by e-mailing the secretariat of the examiner
- ✓ After that you can only resign with a medical certificate!



Attention:

Not showing up to your examination will **be graded with a 5.0!**

EXAMINATION RESULTS



Prüfungsleistungen

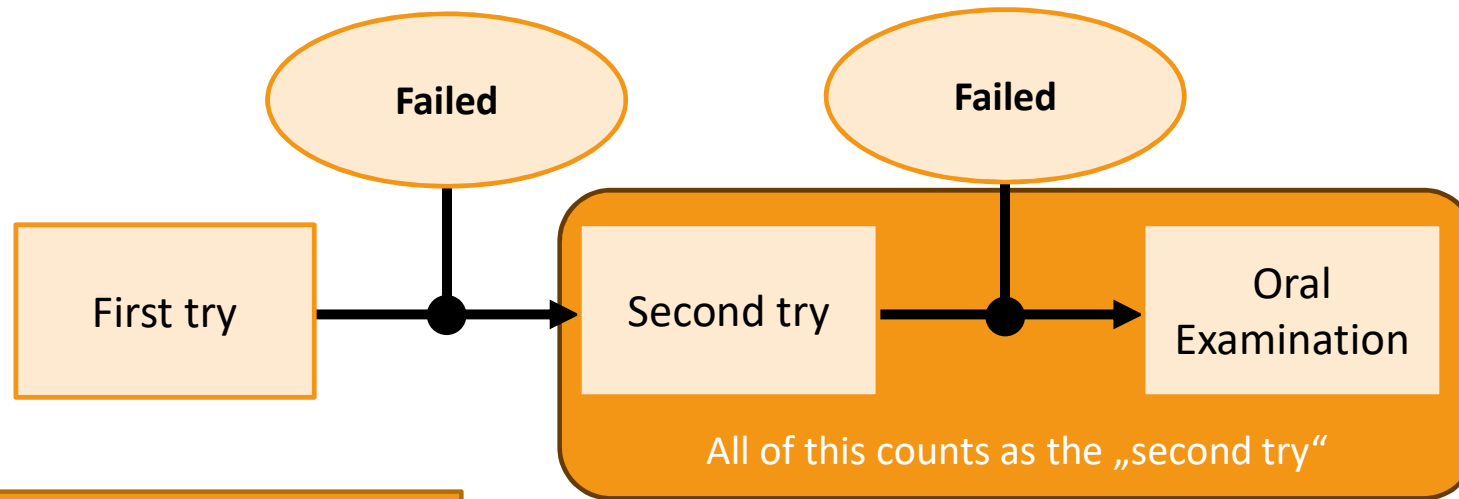
1,0 1,3	Very good
1,7 2,0 2,3	Good
2,7 3,0 3,7	satisfactory
4,0	sufficient
5,0	failed

Studienleistungen

Passed/Failed



I HAVE NOT PASSED MY ORIENTATION EXAM...

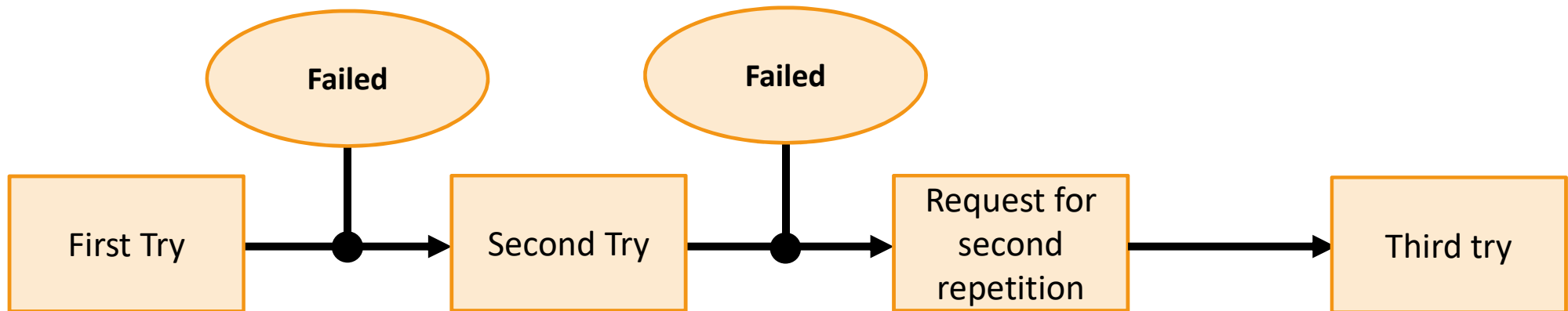


Attention:

- ✓ For Orientation exams, you will have to pass latest at the oral examination of your second try!
- ✓ The best result of the oral examination can be a 4.0



I HAVE NOT PASSED MY ORAL EXAM...

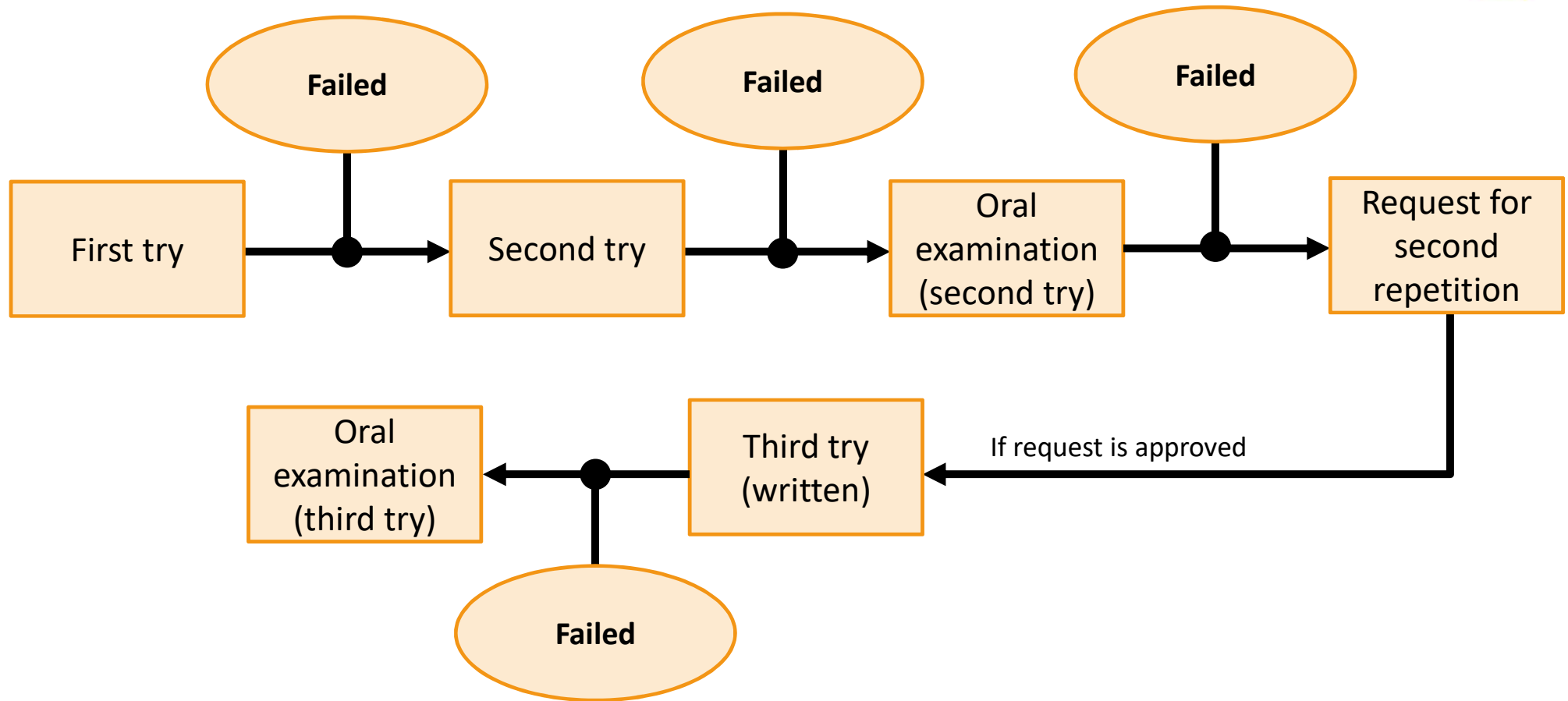


Attention:

- ✓ For oral examinations there is no second oral examination



I HAVE NOT PASSED MY WRITTEN EXAM...





FAQ EXAMINATIONS

How often are examinations repeated

- ❖ In most cases once a term

What consequences will not writing an examination have?

- ❖ None (Keep in mind, that there are some deadlines like O-Prüfung!)

How long should i learn for an examination?

- ❖ That is a very individual question, but from experience (even if you have never experienced that need in school): Between 4 days and 2 weeks (calculate with more time in the first semester!)

What calculators can we use?

- ❖ If they are allowed, mostly non programmable calculators, mostly no graphic calculators!



HOW TO PREPARE FOR EXAMS



- **Old Exams (Altklausuren)**
 - „official“ old exams from the institutes
 - Mostly in German
 - Only printed due to copyright issues
- **Exam protocols (MPPK)**
 - Unofficial protocols for written and oral exams written by students
 - Mostly in German
 - Overview can be seen at our website
- **Where to get them?**
 - Digital in ILIAS or at the institutes websites
 - Printed at the Fachschaft (have to be bought, only with cash!)



ONLINE-PORTALS



10.10.2023

Fachschaft Maschinenbau/Chemieingenieurwesen



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ILIAS

Central portal for lecture materials

- Up-to-date Information for your lecture
- script
- Lecture presentations
- Practice sheets
- Online-tests & -submissions



The screenshot shows the ILIAS dashboard interface. On the left is a navigation sidebar with icons for Dashboard, Mappein, Persönlicher Arbeitsraum, Meine Kurse und Gruppen, Lernfolge, Kommunikation, and Support. The main content area is titled 'Dashboard' and 'Favoriten Kurse'. It lists several courses with their titles, logos, and availability information:

- 22112 – Technische Mechanik: Dynamik** (with a blue gear icon)
- 22113 – Übungen zu Technische Mechanik: Dynamik** (with a green gear icon). Veranstaltungszeitraum: 08. Nov 2022 - 14. Feb 2023
- 22346 – Catalysts for the Energy Transition** (with a green gear icon). Weekly, no lecture on 25 May 2023 & 1 June 2023. Veranstaltungszeitraum: 20. Apr 2023 - 27. Jul 2023
- 22347 – Übungen zu 22346 Catalysts for the Energy Transition** (with a green gear icon). Biweekly, scheduled (as of 17.04.2023): 27 April 2023, 11 May 2023, 15 June 2023, 29 June 2023, 13 July 2023, 27 July 2023. Veranstaltungszeitraum: 27. Apr 2023 - 27. Jul 2023
- TWT 22830 – Wärme- und Stoffübertragung** (with a TWT logo). Verfügbarkeit: 17. Apr 2023, 00:00 - 17. Apr 2024, 00:00
- DPE 22919 – Regelungstechnik und Systemdynamik** (with a DPE logo). Die Lehrveranstaltung gibt eine Einführung in die lineare Regelungstechnik. Dies umfasst die Anwendung mathematischer Methoden ... Anmeldezeitraum: Keine Anmeldung möglich

<https://ilias.studium.kit.edu/>



CAMPUS MANAGEMENT (CAS)



Central administration tool:

- Registration and resigning from exams
- Transcript of records
- Re-Registration
- Study certificates
- KVV-certificate (for public transport)

Nicht angemeldet Anmelden Home English Impressum Deutsch

KIT
Karlsruher Institut für Technologie

Campus Management für Studierende

Semester Sommer 2023 Studengang Nicht angemeldet Suche Alle Objekte Suchbegriff

Startseite
FAQ
› Veranstaltungen
› Prüfungen
› Studienaufbau
› Rückmeldung
› Bescheinigungen
› Persönliche Daten
Kontakt

Willkommen im Studierendenportal des KIT

Hallo Gast! [Anmelden](#)

Das Campus Management Portal bietet den Studierenden des KIT verschiedene Services zur Selbstbedienung im Bereich der Studierendenverwaltung. Dazu gehören:

- die Suche nach [Veranstaltungen](#) mit Erstellung eines Stundenplans,
- die An- und Abmeldung zu [Prüfungen](#),
- den [Studienaufbau](#) und -inhalt von einzelnen Studiengängen sowie deren Module und Teilleistungen,
- die [Rückmeldung](#) in das Folgesemester via Überweisung oder Lastschriftverfahren,
- der Download von [Bescheinigungen](#) (z.B. Studienbescheinigung, KVV-Bescheinigung, Notenauszug),
- die Änderung von [persönlichen Daten](#).

Weitere Informationen zur Nutzung des Studierendenportals sowie häufig gestellte Fragen und die jeweiligen Ansprechpartner/innen entnehmen Sie bitte den [FAQ](#).

Foto: KIT, Gabi Zachmann

<https://campus.studium.kit.edu/>



TUTORIAL REGISTRATION

- Redseat
- Wiwi
- Campus plus



WEBSITE OF THE DEPARTMENS



- Examination dates
- Lessons table
- Module handbook
- Other information



Wir erforschen und lehren die Prozesse und Verfahren der Stoff- und Energie-wandlung.

<https://ciw.kit.edu/>



WEBSEITE OF THE FACHSCHAFT



- News from the Fachschaft
- FAQ's
- Blackboard (HiWi's, internships, jobs, ...)
- Consultation hours
- Contact form
- Examination dates

Fachschaft MACH/CIW
Studentische Interessenvertretung

Startseite Über uns Studium Studieninteressierte O-Phase Schwarzes Brett FAQ Kontakt

News

O-Crew-Anmeldung

Liebe Studis,
es ist wieder soweit! Nach der Prüfungsphase startet wieder unsere O-Phase für die neuen Erstis und ihr habt jetzt wie immer die Chance euch als Tutor oder Tutorin für unsere Veranstaltungen zu melden. Dabei sollen alle Veranstaltungen wieder vollständig in Präsenz stattfinden und wir zumindest freuen uns riesig über die ganzen Aktivitäten, die wir für diesen Herbst geplant haben. Also meldet euch an und werdet Teil der Crew! [Hier geht es zur Anmeldung](#)

Eure Fachschaft

Sprechstunden

Mo, Mi, Fr: 16:00 - 17:00
in den Fachschaftsräumen Geb.10.23 R.106/107

[Altklausur-Verkauf:](#)
Der Altklausurenverkauf ist geöffnet. Altklausuren können zu unseren Sprechstundenzzeiten in der Fachschaft gekauft werden.

[Protokoll-Abholung:](#)
Die Prüfungsprotokolle können immer während der Sprechstundenzzeiten in der Fachschaft abgeholt werden.

Sitzung

Aktuell keine Sitzung angekündigt.

Kontakt

Du hast eine Frage?
[Schreib uns!](#)

Select language

- German
- English

<https://fs-fmc.kit.edu/>



PROBLEMS WITH YOUR STUDIES



10.10.2023

Fachschaft Maschinenbau/Chemieingenieurwesen



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MINT-KOLLEG

Additional service for intense course training

- During the semester or as repetition after the term for maths, material science, electrical engineering, ...
- Open learning room for AM1/2



Tipp:

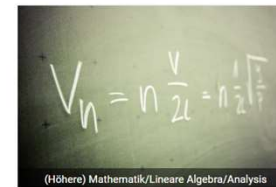
Joining the MINT-Kolleg can adjust you regular study time!

<https://www.mint-kolleg.kit.edu/IndividuellerStudienverlauf.php>



Startseite > Studienbegleitung > Semesterkurse > mehr

Studienbegleitende Kurse im Sommersemester 2023



(Höhere) Mathematik/Lineare Algebra/Analysis



Java/C++/Matlab



Technische Mechanik/Physik



Chemie/Werkstoffkunde



Offener Lernraum



FAQ

<https://www.mint-kolleg.kit.edu/>



CONSULTATION



STUDYING IS MORE THAN LECTURES

Extracurricular activities



UNIVERSITY SPORTS



- Huge amount of courses
- For beginners and professionals
- Very cheap



You have to be really quick to come into the best courses!



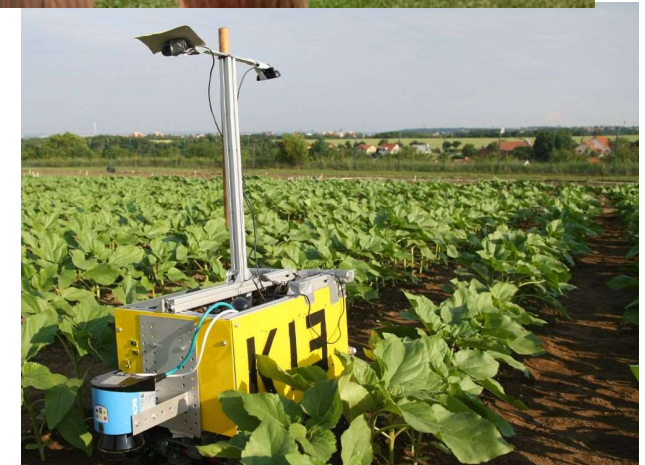
<https://www.ifss.kit.edu/hochschulsport/>



UNIVERSITY STUDENT GROUPS



<https://www.asta-kit.de/en/engagier-dich>



TIPPS AND TRICKS

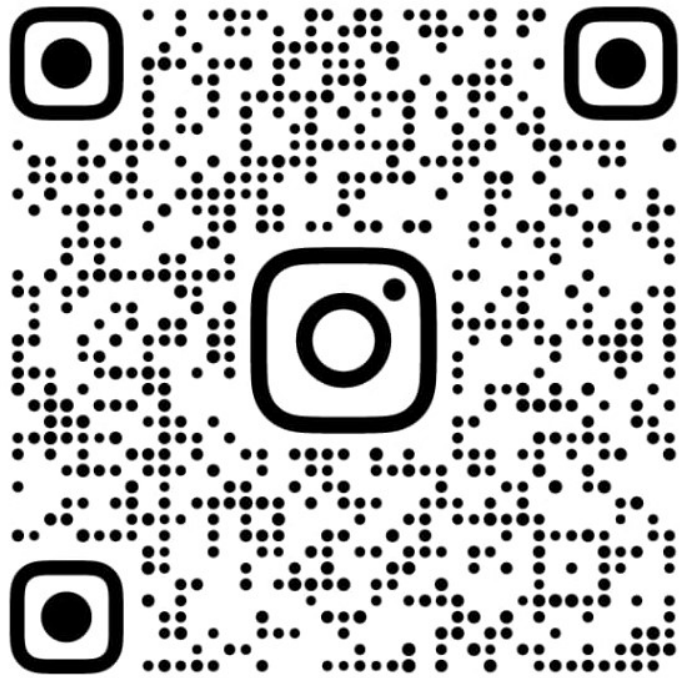


GOOD TO KNOW

- Nextbike (<https://www.asta-kit.de/de/campusbike>)
- KVV Bescheinigung



FOLLOW US ON INSTAGRAM!



FMC.KIT



IMPORTANT LINKS



- Fachschaftshomepage: <https://www.fs-fmc.kit.edu/>
 - Downloads: <https://www.fs-fmc.kit.edu/downloads>
 - FAQs: <https://www.fs-fmc.kit.edu/faq/ciw>
- „Vorlesungsverzeichnis“: <https://studium.kit.edu/vvz>

