

Announcement of the Exam "Engineering Mechanics I" Winter Term 2020/21

- Time: Wednesday, 24.03.2021, 19:00h – 20:30h
- Location: DM Arena
- Additives: - No additives permitted
- A formulary will be handed out together with the exam
- To bring along: - Student ID
- Single paper sheets (max. 30 sheets)
- Stapler

Mind the detailed announcement about additives,
exam and exam preparation

The actual deadlines for registration for the exam
(76-T-MACH-100282-englisch)) are announced at studium.kit.edu

The seating list will be announced in ILIAS
only a few days before the exam.

For further information please visit: www.itm.kit.edu/cm → Exam

Detailed announcement of additives

- Additives are **not** permitted in the exam
(i.e., no calculators, mobiles, tablets, notebooks, lecture notes, books, etc.).
 - A formulary of EM I will be handed out together with the exam.
Only this formulary will be permitted for the exam.
 - For the exam preparation only, an electronic version of the formulary will be available in ILIAS in advance.
 - Any print outs are **not** permitted.
- Necessary equipment
 - Permitted: pens with **permanent** ink (only blue or black color)
 - **Not** permitted: e.g. pencils, pens with red color, non-permanent pens, markers, etc.
 - **Single sheets** only (i.e. no foldes, etc.), max. 30 sheets, only marked with name and student No
- To bring along additionally:
 - **Student card**,
 - **Stapler** for stapling the exam and the sheets used
 - Hint: use a stamp with your name and student-No

Hints to the exam

- Solving the problems
 - Results demanded in (sub)problems are to be given only using the **given** quantities and variables of the problem (not necessarily within the same equation)
 - Results demanded in (sub)problems have to be marked **clearly**
 - Given coordinate systems are to be used (otherwise no points)
 - Diagrams are to be sketched **clearly** and **completely** (orientation of axes, labelling, line drawing)
 - All solution approaches, computations and (sub)results have to be **clearly** documented
 - Multiple, incompatible (sub)results and approaches can **in total** not be considered
 - In case of corrections: please mark wrong results or computations by **clearly** cancelling them

- Seating
 - The seating will be supplied in ILIAS. In case of problems, please contact Dr. Langhoff as soon as possible
 - In case of delay: up to max. 15 minutes after begin of the exam, a participation in the exam is still possible. You have to sign that you accept that the end of the exam is not changed.
 - Free rows within the lecture hall are to be kept free (even on the floor)
 - Each student is allowed to use only the seat assigned to him. It is **not** allowed to put jackets, sheets, bags, etc. on neighbouring seats
 - Bags are to be kept closed and below your seat (together with jackets). During the exam it is **not** allowed to open them without having requested the assistant **in advance**
 - All own sheets, the exam sheets and the additives have to remain in **immediate** vicinity of the own desk during the whole exam
 - Putting your sheets on neighbouring tables is only allowed in a **hidden** way. Otherwise, this is considered as an attempt to deceive

How to prepare

- Certified competencies
 - correct solution of complex problems of Engineering Mechanics I within given time
 - precise documentation of the partial and the final results
- Structure of the exam
 - four written problems (time approx 20 min. each)
 - one MAPLE-problem (time approx. 10 min.)
- Working material
 - lecture notes EM I
 - documents of tutorial
 - own solutions to written problems
 - own solutions to computational problems
 - EM I past paper (ILIAS)
 - past papers (available from CBS)
 - further textbooks as indicated in the lecture notes
- Preparation
 - read the lecture notes
 - solve the example problems within lecture notes and during tutorial
 - solving past papers
 - Individual preparation
 - preparation within learning group
 - use consultation hours offered