Announcement of the Exam "Engineering Mechanics I"
Winter Term 2015/16

Time: Tuesday, 22.03.2016, 11:00h – 12:30h
Location: various lecture rooms → see seating list

Additives: - official formulary EM I (ILIAS) without any additions
- 1 sheet (= 2 pages) of personal formulas according to allowance (see hints to additives)
- electronic devices (e.g. packet calculator) are not permitted

To bring along: - Student ID
- single paper sheets (max. 30 sheets)
- stapler

Mind the detailed announcement about additives, exam and exam preparation

Actual deadlines for Registration for the exam (exam No. 112 at studium.kit.edu) as well as consultation hours will be announced in ILIAS

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

- Formulary supplied in ILIAS
  - in printed and stapled form (paper: DIN A4 or A5)
  - any kind of changes or supplement are not allowed

- personal formulary: one additional 2-sided sheet
  - contents allowed: Formulae and notion, tables with function values
  - Not allowed: e.g. sketches of any kind, plots of functions, problem formulations, examples, algorithms and solutions, floating text, “recipe”

- electronic additives of any kind (no pocket calculator, mobiles, tablets, laptops, etc.) are not allowed

- necessary equipment:
  - allowed: pens with permanent ink (only blue or black color)
  - Not allowed: e.g. pencils, pens with red color, non-permanent pens, markers, etc.
  - single sheets (i.e. no folds etc.), max. 30 pieces, with name and student No on it

- to bring along additionally: Student card, stapler
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)
  – Multiple, 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
  - script EM I
  - documents of tutorial
  - own solutions to written problems
  - own solutions to computational problems
  - EM I past paper (ILIAS)
  - past papers (ID)
  - further textbooks as indicated in the script

- Preparation
  - read the script
  - solve the example problems within script and in tutorial
  - solving past papers
  - Individual preparation
  - preparation within learning group
  - use consultation hours offered