

Studierende bewerten die Arbeiten ihrer Kolleg*innen – Peer Review mit dem TUWEL-Modul „Workshop“

309.021 Mechanics 1 (UE), approx. 800 Participants

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Details (extract from the TUWEL course): "Homework" (Peer Review)

The accompanying learning progress is monitored by a peer review system. There are four tasks to be completed over the semester. The feedback on the solutions found, comes from fellow students in form of peer reviews.

Solving the tasks independently, should enable them to check their current learning progress. In addition, the subsequent peer review offers them an insight into different approaches and reveals possible sources of error.

In terms of the scope and the degree of difficulty, the tasks are similar to those of the final test, and they also gain a detailed insight into the assessment criteria that will later be used for the final test of the lecture.

The Peer-Review System works as follows:

Preparation:

- The students in the TUWEL course are randomly divided into two groups (A and B). They will later have access to the resources relevant to their group (specification sheet in phase 1 and sample solution in phase 2).

1. Phase per task - submission:

- Each group receives a different task from the same substance area.
- The task must be completed and the solution must be uploaded within a time limit set. The essential steps of the solution path (physical approach including necessary sketches essential calculation steps final result, expressed by the given variables plausibility check) must be documented.

2. Phase per task - peer review:

- The solutions submitted by one group, are evaluated by the members of the other group (peer review). Sample solutions and notes on the evaluation criteria are made available.
- Each participant receives the submission of usually three persons for evaluation. Conversely, each participant usually receives three feedbacks on the own submission.
- The peer reviews must be submitted on time.

Only if you have submitted a task, you will receive tasks for evaluation.

A peer review is considered complete, if you have completed both, your task and all the assessments assigned to you, completely and conscientiously. This is checked randomly by the lecture team. Incomplete submissions and reviews or identical submissions by several participants will not be accepted.

For a positive assessment of the partial performance of the peer review, the completion of three of the four peer review rounds is required (see TISS page of the lecture).

Otherwise, the explicit assessment (number of points achieved) in the peer review will not be taken into account in the grading. This should help to ensure that only "honest" submissions and feedbacks are made, thus giving you a better self-assessment.