

Semester conditions for
Strength of Materials
for full time, BSc level students
2022-23 spring semester

Course code: GKNB_AMTA001.

Credits: 5.

Prerequisites: -

Contact hours: 4 (2 lectures + 2 lab)

Semester requirement: exam

Aim of the course:

Learn the general concept and methods of Strength of Materials. To give an ability to calculate stresses and deformations of objects under external loadings. To give an ability to apply the knowledge of strength of materials on engineering applications and design problems.

Midterm tests:

- **Two times** in the semester (somewhen in the 6th and 12th weeks) **tests will be given** from the topics of the lectures of the previous weeks. Each tests are worth maximum 20 points. (2 pages: each page contains a problem solving for 8 points and a theoretical question for 2 points.)
- If one reaches at least 30 points in the two midterm tests, (s)he gets an offered grade.

30-34 points	good (4)
35-40 points	excellent (5)

Conditions for signature (to be fulfilled during the class-period and necessary for acquiring the grade):

- At least **6 points** (from 40 points) must be reached in the **two midterm tests**.
- If some one does not reach 6 point in the two midterm tests, (s)he can write a retake test in the last week. The maximum is 20 points in this test. At least 6 points are needed for the signature.

Lab measurement (optional)

- **Lab test** have to be written (from theory), where **at least 3 points** from 5 must be reached.
- Measurement have to be performed, **report have to** be prepared and **submit** (for additional max. **5 point**).

Exam (grade):

- The sum of the points of the mid-term tests and exam determines the mark. The grading is as follows

0-47 points	fail (1)
48-61 points	pass (2)
62-75 points	satisfactory (3)
76-90 points	good (4)
91-120 points	excellent (5)

- Students must provide proof of their identity with an official card (eg. ID card, passport, driving license, etc.) at the tests.
- Those students, who apply unauthorized means (book, lecture notes, infocommunication means, etc.) different from those listed in the course requirement or adopted by the lecturer in charge of the course assessment will be disqualified from the exam as a consequence of their action, and the exam mark will automatically become "Fail (1)".

Consultation:

- Each lecturer will have one hour per week for consultation. Time and place will be determined according to the needs of students.