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Study materials: available from PPKE Moodle system

prerequisite: comprehensive math exam
(including Analysis I-II, Linear Algebra I-II, Discrete Math I-II)

Obligatory tasks

1) Midterm test

One ninety-minute-long test containing both theoretical questions and computational problems will be written by the students during the semester. The date/time and organization mode of the midterm will be agreed in advance.

The following cases can be considered as accepted reasons for missing the test:

- A. The student sends an e-mail to the lecturer at least 24 hours before the beginning of the test with an acceptable reason (e.g., a trip related to the study of the student, participation in a student competition etc.).
- B. In the case of a health-reason, one should present the lecturer or instructor his/her medical certificate within one week after the test.

2) Compulsory homeworks

4 homeworks will be given to students during the semester. Students should solve the homework individually, and submit the solution in the required format before the prescribed dates to the instructors. After this time, it is not possible to submit the homework. The copying of homeworks is sanctioned by the examination regulations of the university.

3) Control design project

A control design project task will be given to the students at the end of the semester. It is possible to complete one project task by two students to promote teamwork, but it can also be done individually. The project tasks can be solved in the examination period, and they should be submitted in the required format at least two working days before the planned exam. Projects will be marked, and students cannot participate in the exam without an at least satisfactory (2) evaluation for the project work.

Conditions for fulfilling the midterm obligations (signature)

Necessary conditions for the signature (both of them must be fulfilled):

1. At least 50% result for the midterm test or for the supplementary test.
2. The submission of at least 3 compulsory homeworks with acceptable content before the strict deadline (this is equivalent to obtaining an overall minimum of 3 points for the homeworks).

One can apply for exam in the Neptun system after the signature is given, but failing to submit the control design project work in time with satisfactory content will result in a failed exam (unless the student signs off the exam in time).

Offered grade

Depending on the experiences with the on-line education, students may be offered an examination grade based on the results of the midterm test and the control design project.

Exam

Students without an offered mark should take an exam to successfully complete the course. The form of the exam will be agreed on at the end of the semester depending on the actual circumstances. Students can ask to take into consideration the result of the control design project work with a 30% weight for the final exam mark. However, an at least satisfactory (2) mark at the exam part is necessary to pass the exam (i.e., a 2-5 mark for the project work and a 1 (fail) for the exam part will result in a failed exam). Questions about the project work can be asked by the examiners during the exam.

Supplementary midterm test

If a student misses any midterm test with an acceptable reason or cannot reach the minimum result at the midterm test during the semester, he/she should write a supplementary midterm test from the material of the whole semester to obtain the signature. At least 50% result is needed to pass the supplementary test. The supplementary test cannot be used for further improving the scores if the conditions of the signature were previously reached during the semester.

Official communication

Through the Moodle page of the course and via Neptun messages. (It is assumed that the students regularly check Moodle and their Neptun/e-mail messages.)