

Institute of Heat Engineering  
Department of Rational Use of Energy

## ELECTRIC POWER SYSTEMS 2

### THE RULES AND REGULATIONS OF THE COURSE

1. Students take classes in a laboratory and perform a team task in the form of project work. A necessary condition for passing the course is obtaining a positive assessment of the project work and passing the training part in the laboratory.
2. In the laboratory, exercises are conducted in teams of 6-8 persons, which are divided into two equal-numbered subgroups. In special cases, with the consent of the lecturer, the number of team members may be increased to 12.
3. The student is obliged to attend four laboratory classes. The exercise starts with the teacher handing over a task, which is solved by each subgroup. The task may concern designing the measuring system or the structure of the model, determining the state of operation of an electric circuit or proposing to improve the functioning of a given system. After the acceptance of the solution by the teacher, the subgroup is admitted to the laboratory-station at which it executes the exercise, which consists in practical verification of the expected result.
4. Each exercise shall be evaluated. The grade is influenced by the student's preparation, correctness of solutions, the way the result is presented, the time of task completion by the subgroup, and teamwork activity. The exercise is evaluated as "failed" or "passed", and in the case of a passed exercise, the student receives an grade from -1 (mediocre) to +1 (excellent) with an accuracy of 0.5. The grade from the laboratory part of the course is the arithmetic mean of the grades from four exercises, each of which must be "passed". One exercise assessed as "failed" may be completed within an additional term.
5. The absence of the student from the laboratory class must be justified and the exercise must be completed. If it is not possible to do the exercise within an additional term, the form of doing it is decided by the course supervisor.
6. Topics of project tasks (project part of the classes), including individual data and the scope of their implementation, together with instructions for implementation are provided during the initial classes. The project team may consist of 1 to 4 members, depending on the subject and its scope. The number of teams is decided by the leader. Students shall form personal project teams within the time limit specified by the course supervisor. A change of membership in a project team is possible only in justified cases and with the consent of the course supervisor.
7. The tutor shall inform the students about the date and form of submission of the project work at the beginning of the semester. However, the suggested date may not fall earlier than 4 weeks and not later than 1 week before the last day of the semester. After the submission of the work, the tutor may invite the team to present the results of the work and/or explanations in the form of an oral colloquium. The assessment covers the correctness and completeness of the project task execution, the ability to present the results, knowledge of the issues being the subject of the project, the ability to

interpret the obtained solutions, the time of execution and aesthetics of the work. The final assessment of the project part is determined individually for each student on a scale from 2 to 5.

8. In addition, the classes may include meetings in real power facilities, allowing for familiarization with their functionality. These meetings are organized by the tutor in consultation with a group of students. The date of such classes may not interfere with other classes of students enrolled in the course. The student's activity during these classes may positively influence the final grade by no more than 0.5. Absence cannot have a negative impact on the final grade.
9. The individual grade for the student is equal to the grade for the project part plus the value obtained from the laboratory part (described in point 4) and taking into account point 8.