



## **REGULATION OF THE COMPREHENSIVE BSC FINAL EXAMINATION FACULTY OF ELECTRICAL ENGINEERING AND INFORMATICS**

This policy aims to regulate the comprehensive BSc final exam of the Faculty of Electrical Engineering and Informatics.

The students take the final exam of two subjects. The first subject of BSc students' final exam is a comprehensive exam which corresponds to the MSc entrance exam. The final comprehensive exam is a written exam; it is organized before the thesis defense. The second subject is a specialization subject; it is an oral exam including in the thesis defense. The thesis defense is organized in the last exam period in front of a committee. It includes the presentation of thesis work, discussions and the oral exam in one specialization subject.

The grades are based on the score of the written final comprehensive exam compared to the maximum scores available:

- Below 40 %: fail
- 40-50%: sufficient
- 50-60%: average
- 60-70%: good
- Over 70%: excellent

Students reaching the point limit get the better grade.

A student failing the final comprehensive exam cannot have a retake. It can only be retaken after one semester, during the next exam period.

The final comprehensive exam of electrical engineering includes the following topics:

- Measurement Technology
- Digital Design1-2
- Electronics 1-2
- Signals and Systems 1-2
- Power Engineering

The final comprehensive exam of computer engineering includes the following topics:

- Software techniques
- Software technology
- Databases
- Algorithms

A detailed description of the topics of the BSc comprehensive final exam and MSc placement test are published on the Faculty website ([www.hvt.bme.hu/en](http://www.hvt.bme.hu/en) , education: admission information: Topics of MSc placement test).