

**Assessment methods and criteria  
for the subject of "Electronics"  
for the students of the preparatory semester for the MEng. course**

**Written exam**

1. The exam is written at the end of a semester and has a form of 12 problems of small complexity to be solved or answered.
2. The exam consists of:
  - a) 2 problems related to circuit and signal theory, and
  - b) 3 problems related to metrology, and
  - c) 2 problems related to semiconductor devices and linear analog circuits, and
  - d) 2 problems related to the nonlinear analog circuits and computer simulation of circuits, and
  - e) 3 problems related to digital circuits.
3. An equal number of points can be scored for solutions/answers to all problems.

**Final grade**

There is taken  
the percentage of the points scored for the written exam, with the weight factor of 1/2,  
and  
the percentage of the points scored for laboratory reports and short written in-semester tests (quizzes), also with the weight factor of  $\frac{1}{2}$   
to calculate the final grade.

*Note* - It is required to obtain at least 50% of points totally for the exam itself to pass.