### Course Outline

- **Theoretical teaching**
  - Boundary element method (integral equations formulation, boundary elements discretization, sources modeling within the analysis domain, linear and square elements). Examples.
  - Hybrid boundary element method (theoretical background, system modeling, 2D and 3D problems analysis). Examples.
  - Modern software for electromagnetic fields analysis.

- **Practical teaching (exercises, OFE, study and research)**

### Textbooks/references


### Teaching methods

Lectures and auditory classes. Besides boardwork, multimedia presentations, photographs and video clips are presented. Obligatory consultations with lecturers help successful course material adoption.

### Grade (maximum number of points 100)

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<tr>
<th>Activity during lectures</th>
<th>Points</th>
<th>Final exam</th>
<th>Points</th>
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<td>Activity during lectures</td>
<td>Written exam</td>
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<td>Projects</td>
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