

Object-oriented software design

Dr. Balázs Simon

BME, IIT

General information

- Lecture:
 - Tuesdays, 10:15-12:00, IB410
- Practice:
 - Even Fridays: in person, 12:15-14:00, IB410
 - Odd Fridays: at home
- Web page: Moodle
 - <https://edu.vik.bme.hu/course/view.php?id=12990>

Requirements

- For signature:
 - Small tests:
 - 5 small tests in the Moodle system during the semester
 - to be solved at home
 - at least 3 of them must be passed
 - cannot be repeated
 - Small homeworks:
 - 5 small homeworks during the semester
 - at least 3 must be solved
 - cannot be repeated
- For final mark:
 - written exam
 - 3 opportunities in the exam period
- Small tests and homeworks don't count in the final mark

Topics of the course

- OO design principles
- OO design heuristics
- Refactoring
- Clean-code
- API design principles
- Distributed OO
- Immutable OO