

# E2011: Theoretical fundamentals of computer science

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RECETOX

# Outline of the course

- Computing platforms: historical perspective; modern architectures.
- Data representation: numeral systems; precision.
- Boolean algebra; propositional calculus.
- Brief introduction to algorithms and complexity.
- Programming paradigms.
- Invited talks (Mgr. Jan Böhm) (TBD)

# Evaluations

- continuously during the semester (4 homework assignments)
- you need to solve the 4 homeworks to be accepted for the exam!
- deadline for submitting the homework solutions: Dec. 1st 2024
- the homework assignments account for 33.33% of the final mark
- exam: open book (i.e. course materials); written