

Energy saving construction

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Subjects code: ESC

Year of Study: 1. or 2.

Lectures: 20

Exercises: 30

ECTS: 6

Contents subjects

- Basic construction procedures
- Energy consumption of a building
- Physical principles of heat transfer in buildings
- Isolation of buildings and materials used
- Heating and cooling systems
- Active and passive building
- Reversible systems
- Combined systems
- Energy card of a building
- Permanent energy saving in buildings