



### THERMOPHYSICS OF BUILDINGS

<b>Enrollment year</b>	2017/2018
<b>Academic year</b>	2018/2019
<b>Regulations</b>	DM270
<b>Academic discipline</b>	ING-IND/11 (ENVIRONMENTAL TECHNICAL PHYSICS)
<b>Department</b>	DEPARTMENT OF ELECTRICAL, COMPUTER AND BIOMEDICAL ENGINEERING
<b>Course</b>	ELECTRICAL ENGINEERING
<b>Curriculum</b>	Energetica
<b>Year of study</b>	2°
<b>Period</b>	1st semester (01/10/2018 - 18/01/2019)
<b>ECTS</b>	6
<b>Lesson hours</b>	45 lesson hours
<b>Language</b>	Italian
<b>Activity type</b>	WRITTEN AND ORAL TEST
<b>Teacher</b>	MAGNANI LORENZA (titolare) - 6 ECTS
<b>Prerequisites</b>	Basics of thermophysics
<b>Learning outcomes</b>	- Design and evaluation of the thermophysical aspects of a building, including thermal comfort and energy efficiency requirements. - Capability of performing energy certification and energy audit of simple buildings.
<b>Course contents</b>	Thermal exchanges from building envelope  Thermal comfort and IAQ  Heating plants  Energy certification and energy audit

## Teaching methods

Lectures (hours/year in lecture theatre): 45  
Practical class (hours/year in lecture theatre): 0  
Practicals / Workshops (hours/year in lecture theatre): 0

**Reccomended or required readings**





The exams forecast a written part consisting in some open questions,

**Further information**

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