UNIVERSITÀ DI PAVIA

Anno Accademico 2016/2017

THERMOPHYSICS OF BUILDINGS	
Enrollment year	2014/2015
Academic year	2016/2017
Regulations	DM270
Academic discipline	ING-IND/11 (ENVIRONMENTAL TECHNICAL PHYSICS)
Department	DEPARTMENT OF ELECTRICAL,COMPUTER AND BIOMEDICAL ENGINEERING
Course	INDUSTRIAL ENGINEERING
Curriculum	ENERGIA
Year of study	3°
Period	1st semester (26/09/2016 - 13/01/2017)
ECTS	6
Lesson hours	45 lesson hours
Language	ITALIAN
Activity type	WRITTEN AND ORAL TEST
Teacher	MAGNANI LORENZA (titolare) - 6 ECTS
Prerequisites	Basics of thermophysics
Learning outcomes	- 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.
Course contents	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

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Assessment methods

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

Further information

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

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