UNIVERSITÀ DI PAVIA

Anno Accademico 2017/2018

OPTOELECTRONIC DEVICES

Enrollment year	2016/2017
Academic year	2017/2018
Regulations	DM270
Academic discipline	ING-INF/01 (ELECTRONICS)
Department	DEPARTMENT OF ELECTRICAL,COMPUTER AND BIOMEDICAL ENGINEERING
Course	ELECTRONIC ENGINEERING
Curriculum	Microelectronics
Year of study	2°
Period	1st semester (02/10/2017 - 19/01/2018)
ECTS	9
Lesson hours	74 lesson hours
Language	English
Activity type	WRITTEN AND ORAL TEST
Teacher	GIULIANI GUIDO (titolare) - 9 ECTS
Prerequisites	=
Learning outcomes	=
Course contents	This course is an introduction to the physics, circuit use and design of optoelectronic devices, including those for the generation of light (namely lasers and LEDs) and those for the detection of light signals, (notably photodetectors). Lessons are backed by experimental workshops. Objective of the course is to allow the student understand, design and use photoemitters and photodetectors
Teaching methods	Lectures (hours/year in lecture theatre): 78 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

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Further information

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