UNIVERSITÀ DI PAVIA

Anno Accademico 2018/2019

ADVANCED TOPICS IN MICROWAVE TECHNOLOGIES

Anno immatricolazione	2017/2018
Anno offerta	2018/2019
Normativa	DM270
SSD	ING-INF/02 (CAMPI ELETTROMAGNETICI)
Dipartimento	DIPARTIMENTO DI INGEGNERIA INDUSTRIALE E DELL'INFORMAZIONE
Corso di studio	ELECTRONIC ENGINEERING
Curriculum	PERCORSO COMUNE
Anno di corso	2°
Periodo didattico	Annualità Singola (01/10/2018 - 14/06/2019)
Crediti	3
Ore	23 ore di attività frontale
Lingua insegnamento	English
Tipo esame	SCRITTO E ORALE CONGIUNTI
Docente	ARCIONI PAOLO (titolare) - 3 CFU
Prerequisiti	Basic concepts in microwave engineering.
Obiettivi formativi	This course aims at the introduction of advanced topics in the field of microwave technology, to provide the students with subjects that represent the state-of-the-art in academic and industrial research. The lectures cover cutting-edge topics related to modeling, design and applications of microwave and antenna components and systems. Some of these topics are strictly related to the research activities performed at the Department of Electrical, Computer and Biomedical Engineering of the University of Pavia.
Programma e contenuti	In the framework of this course, short monographic courses are presented, which are related to substrate integrated waveguide technology, industrial applications of microwaves, and components and systems for space communication. In addition, seminars given by

	international guests are offered to the students.
Metodi didattici	Lectures (hours/year in lecture theatre): 23 Practical class (hours/year in lecture theatre): 0 Practicals / Workshops (hours/year in lecture theatre): 0
Testi di riferimento	Notes and transparencies of the seminars, made available on the laboratory site http://tlclab.unipv.it/
Modalità verifica apprendimento	Oral examination.
Altre informazioni	Oral examination.
Obiettivi Agenda 2030 per lo sviluppo sostenibile	$lbl_legenda_sviluppo_sostenibile