



### ADVANCED TOPICS IN MICROWAVE TECHNOLOGIES

<b>Anno immatricolazione</b>	2019/2020
<b>Anno offerta</b>	2020/2021
<b>Normativa</b>	DM270
<b>SSD</b>	ING-INF/02 (CAMPI ELETTROMAGNETICI)
<b>Dipartimento</b>	DIPARTIMENTO DI INGEGNERIA INDUSTRIALE E DELL'INFORMAZIONE
<b>Corso di studio</b>	ELECTRONIC ENGINEERING
<b>Curriculum</b>	PERCORSO COMUNE
<b>Anno di corso</b>	2°
<b>Periodo didattico</b>	Annualità Singola (28/09/2020 - 14/06/2021)
<b>Crediti</b>	3
<b>Ore</b>	23 ore di attività frontale
<b>Lingua insegnamento</b>	English
<b>Tipo esame</b>	ORALE
<b>Docente</b>	BOZZI MAURIZIO (titolare) - 3 CFU
<b>Prerequisiti</b>	Basic concepts in microwave engineering.
<b>Obiettivi formativi</b>	<p>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.</p>
<b>Programma e contenuti</b>	<p>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</p>

	international guests are offered to the students.
<b>Metodi didattici</b>	Lectures (hours/year in lecture theatre): 23 Practical class (hours/year in lecture theatre): 0 Practicals / Workshops (hours/year in lecture theatre): 0
<b>Testi di riferimento</b>	Notes and transparencies of the seminars will be provided to the students.
<b>Modalità verifica apprendimento</b>	Oral exam.
<b>Altre informazioni</b>	Oral exam.
<b>Obiettivi Agenda 2030 per lo sviluppo sostenibile</b>	<a href="#">Gli obiettivi</a>