COURSE: Antennas

ACADEMIC YEAR: 2019-20

TYPE OF EDUCATIONAL ACTIVITY: Affine

TEACHER: Vincenzo Fiumara
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Language: Italian

ECTS: 6

n. of hours: 40 (lessons) 12 (tutorials)

Campus: Potenza
Dept./School: Scuola di Ingegneria
Program: Ingegneria Informatica e delle Tecnologie dell'Informazione
Semester: I

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES
The students should acquire the main elements of the antennas theory.
At the end of the course the students should be able to autonomously analyze and design transmitting and receiving antenna systems.
Moreover, the students should acquire a technical vocabulary which allow them to discuss issues relevant to antenna systems and should be able to autonomously analyze the scientific and technical literature.

PRE-REQUIREMENTS
Fundamentals of electromagnetic fields and circuits.

SYLLABUS

TEACHING METHODS
Theoretical lessons (40 hours) and classroom tutorials (12 hours).

EVALUATION METHODS
Oral examination.

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL
C.Gennarelli, F.D'Agostino, Elementi di teoria delle antenne, Florio Edizioni Scientifiche.


INTERACTION WITH STUDENTS
The teacher meets students upon request.

EXAMINATION SESSIONS (FORECAST)¹

¹Subject to possible changes: check the web site of the Teacher or the Department/School for updates.
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<th>SEMINARS BY EXTERNAL EXPERTS</th>
<th>YES □ NO □</th>
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