

Academic Year/course: 2021/22

30382 - Radio-Communication Systems

Syllabus Information

Academic Year: 2021/22

Subject: 30382 - Radio-Communication Systems

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 581 - Bachelor's Degree in Telecommunications Technology and Services Engineering

ECTS: 6.0

Year: 4

Semester: First semester

Subject Type: Optional

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such:

- 1.- Lectures (38 hours).
- 2.- Problems (10 hours)
- 3.- Laboratory (12 hours): 6 sessions of 2 hours each.
- 5.- Group assignments.
- 6.- Academic tutoring.

4.2. Learning tasks

The course includes the following learning tasks:

- Lectures: 38 hours presenting the contents of the course
- Problems: 10 hours resolving problems and practice cases
- Laboratory assignments: 6 sessions of 2 hours each
- Group assignments: each group of students, under the supervision of a teacher, will be assigned a case study related to radio communication systems

4.3. Syllabus

The course will address the following topics:

- International Telecommunication Organizations and Normative.
- Telecommunication Infrastructures.
- Propagation.

- Terrestrial Fixed Radiolinks.
- Broadcasting Systems.

4.4. Course planning and calendar

The schedule for lecture and laboratory sessions and the evaluation dates will be provided by the university before the beginning of the semester

4.5. Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=30382>