

29631 - Electrical Power Systems

Syllabus Information

Academic Year: 2019/20

Subject: 29631 - Electrical Power Systems

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 430 - Bachelor's Degree in Electrical Engineering

ECTS: 6.0

Year: 4

Semester: First semester

Subject Type: Compulsory

Module: ---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

4.2.Learning tasks

4.3.Syllabus

The course will address the following topics:

1. Network Calculations.
2. Load-Flow.
3. Faults.
4. Power System Stability.
5. Operation and Control of Power Systems.

4.4.Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates, other details and further information regarding this course will be provided on the first day of class or please refer to the EINA (Escuela de Ingeniería y Arquitectura de la Universidad de Zaragoza), website (<http://eina.unizar.es>).

4.5. Bibliography and recommended resources

<http://psfunizar7.unizar.es/br13/egAsignaturas.php?id=7787&p=1>