

Addendum to the Course Information Year 2021-2022

Possible adaptations due to COVID 19:

- **Scenario A:** Face-to-face reduced schedule
- **Scenario B:** Face-to-face suspended schedule

Elija la Titulación

General Information of the course

Name: Electric Power Systems

Code: 606711215

Year: 3

Semester: 1

Course Information

<http://www.uhu.es/etsi/estudiantes-2/incoming-students/>

SCENARIO A

Syllabus adaptation

Solo se adaptará el temario en aquellos casos en los que sea imposible impartir todos los contenidos indicados en el mismo en esta situación excepcional y siempre teniendo en cuenta que se deben asegurar las competencias indicadas en la memoria de verificación del título.

Adequacy of training activities and teaching methodologies

Training activity	Type*
Theoretical sessions	Online
Problem solving sessions	Online
Sessions in laboratory or computer classroom	Online
Academically directed teaching activities	Online

* Face-to-face/Online

Description of teaching methodologies used for each training activity

- Lectures by teacher where the teacher's primary role is to coach and facilitate student learning and overall comprehension of the material.
- Class discussion conducted by teacher where students play an active role in the learning process.
- Practicals using computer-based simulator to help student see the details of how a problem is solved.
- Project-based learning in engineering where students are given a task to solve, involving mostly a background search of an interesting problem or a topic related to the subject.
- Tutorials where small groups of students discuss issues, essays or a topical problem. Also, individual or personal tutorials.

Description of teaching methodologies used for each training activity (continued)

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Adaptation of evaluation system (continuous assessment)

Evaluation system	Type*	Percentage
Theory exam	Face-to-face	20%
Problem exam	Face-to-face	50%
Practice exam (computer simulation)	Face-to-face	20%
Work presentation and essays	Asynchronous	10%

* Face-to-face/ Synchronous/ Asynchronous

Description of evaluation system

- Written exam. The written examination contains two parts: theory and problems. The first consisting of 40 questions (short answers just a few words, no multiple choice), and the second of 4 problems. This will be the 70% of the final mark i.e. 20% for questions and 50% for problems.

- Laboratory sessions (practice exam). Computer simulation of electrical power systems employing PowerWorld software. Students will be given a schematic of a power system to be modelled and analysed. This will be the 20% of the final mark.

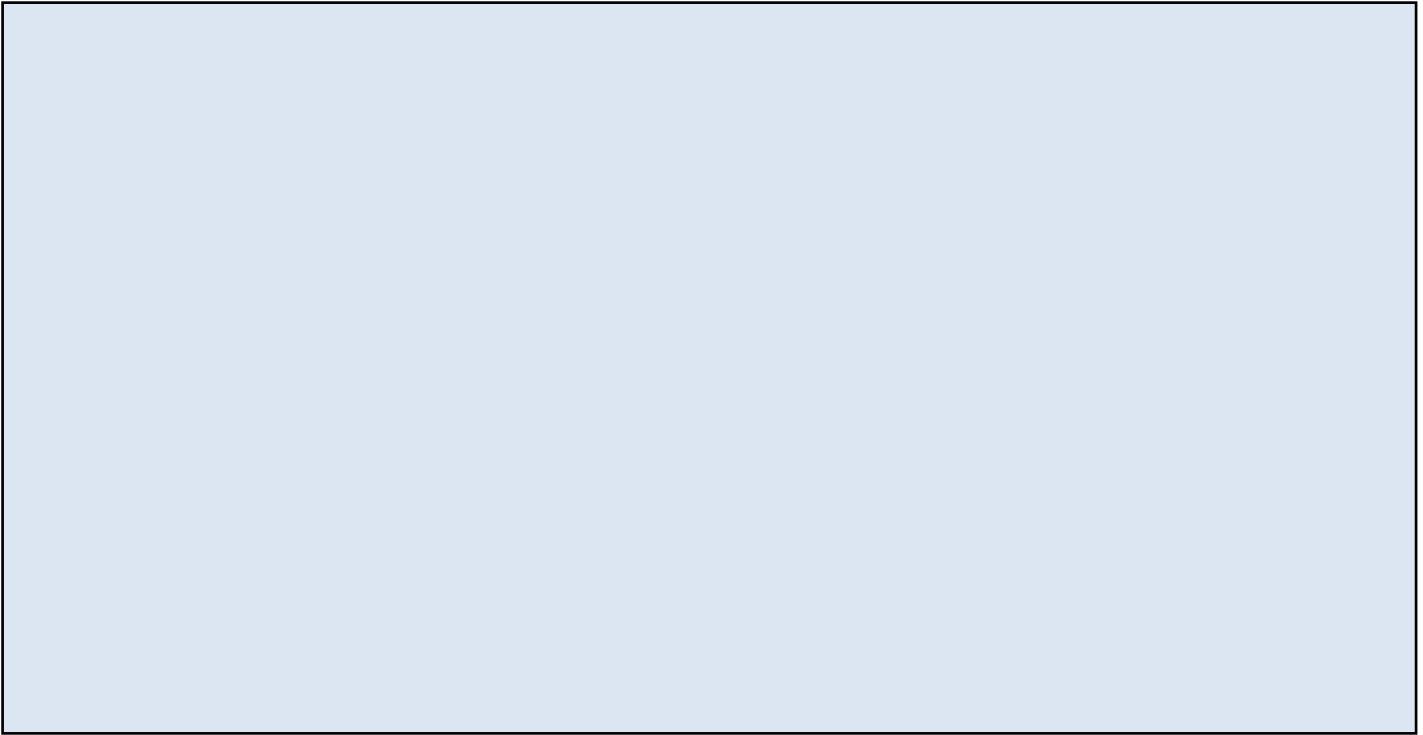
- Voluntary assignment. Students may or may not undertake a small project where he or she will propose a course-related theme. Any media tool can be employed. No public presentation is required. This will be the 10% of the final mark.

Final results will be given in terms of a numerical scale between 0 and 10 (including tenths), with the corresponding qualitative ratings below:

- ≤4.9: Fail (D)
- 5.0 - 6.9: Pass (C)
- 7.0 - 8.9: Pass with Merit (B)
- 9.0 - 10: Distinction (A)

Students must get a minimum mark of “1” on the theory exam, a mark of “2.5” on the problems exam and a mark of “1” on the practice exam (computer simulation), so that, the voluntary assignment can be added to the final mark.

Description of evaluation system (continued)



Adaptation of evaluation system (final assessment)

Sistema de Evaluación	Formato*	Porcentaje
Theory exam	Face-to-face	30%
Problem exam	Face-to-face	50%
Practice exam (computer simulation)	Face-to-face	20%

* Face-to-face/ Synchronous/ Asynchronous

Description of evaluation system

• Written exam. The written examination contains two parts: theory and problems. The first consisting of 40 questions (short answers just a few words, no multiple choice) and one essay-type question (long answer). The second part will have 4 problems. This will be the 70% of the final mark i.e. 30% for questions and 50% for problems.

• Laboratory sessions (practice exam). Computer simulation of electrical power systems employing PowerWorld software. Students will be given a schematic of a power system to be modelled and analysed. This will be the 20% of the final mark.

• Voluntary assignment. Students may or may not undertake a small project where he or she will propose a course-related theme. Any media tool can be employed. No public presentation is required. This will be the 10% of the final mark.

Final results will be given in terms of a numerical scale between 0 and 10 (including tenths), with the corresponding qualitative ratings below:

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Students must get a minimum mark of "1" on the theory exam, a mark of "2.5" on the problems exam and a mark of "1" on the practice exam (computer simulation), so that, the voluntary assignment can be added to the final mark.

SCENARIO B

Syllabus adaptation

Sólo se adaptará el temario en aquellos casos en los que sea imposible impartir todos los contenidos indicados en el mismo en esta situación excepcional y siempre teniendo en cuenta que se deben asegurar las competencias indicadas en la memoria de verificación del título.

Adequacy of training activities and teaching methodologies

Training activity	Type*
Theoretical sessions	Online
Problem solving sessions	Online
Sessions in laboratory or computer classroom	Online
Academically directed teaching activities	Online

* In scenario B, all the training activities will be carried out *Online*

Description of teaching methodologies used for each training activity

- Lectures by teacher where the teacher's primary role is to coach and facilitate student learning and overall comprehension of the material.
- Class discussion conducted by teacher where students play an active role in the learning process.
- Practicals using computer-based simulator to help student see the details of how a problem is solved.
- Project-based learning in engineering where students are given a task to solve, involving mostly a background search of an interesting problem or a topic related to the subject.
- Tutorials where small groups of students discuss issues, essays or a topical problem. Also, individual or personal tutorials.

Online sessions will be carried out employing videoconference software available to the students such as Zoom or Skype.

Evaluation system	Type*	Percentage
Theory exam	Online	20%
Problem exam	Online	50%
Practice exam (computer simulation)	Online	20%
Work presentation and essays	Online	10%

* In scenario B, all the evaluation systems will be carried out *Online*

Description of evaluation system

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