



Course guides

230301 - PSPICE - Circuit Simulation and Analysis Using PSpice

Last modified: 29/04/2020

Unit in charge: Barcelona School of Telecommunications Engineering
Teaching unit: 710 - EEL - Department of Electronic Engineering.

Degree: BACHELOR'S DEGREE IN AUDIOVISUAL SYSTEMS ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN ELECTRONIC SYSTEMS ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN TELECOMMUNICATIONS SCIENCE AND TECHNOLOGY (Syllabus 2010). (Optional subject).
BACHELOR'S DEGREE IN TELECOMMUNICATIONS SYSTEMS ENGINEERING (Syllabus 2010). (Optional subject).
BACHELOR'S DEGREE IN NETWORK ENGINEERING (Syllabus 2010). (Optional subject).
BACHELOR'S DEGREE IN TELECOMMUNICATIONS TECHNOLOGIES AND SERVICES ENGINEERING (Syllabus 2015). (Optional subject).
BACHELOR'S DEGREE IN ELECTRONIC ENGINEERING AND TELECOMMUNICATION (Syllabus 2018). (Optional subject).

Academic year: 2020 **ECTS Credits:** 2.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: Chavez Dominguez, Juan Antonio

Others: Silvestre Berges, Santiago
Turo Peroy, Antonio
Chavez Dominguez, Juan Antonio

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

ENG

STUDY LOAD

Type	Hours	Percentage
Hours small group	20,0	40.00
Self study	30,0	60.00

Total learning time: 50 h

CONTENTS

[ENG]1. Conceptes generals sobre simulació de circuits elèctrics

Description:

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Full-or-part-time: 2h

Laboratory classes: 2h



[CAST]3. Introducció al PSPICE d'Orcad

Description:

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Full-or-part-time: 3h

Laboratory classes: 3h

[ENG]3. Simulació bàsica en PSPICE

Description:

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Full-or-part-time: 6h

Laboratory classes: 6h

[ENG]4. Simulació avançada en PSPICE

Description:

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Full-or-part-time: 6h

Laboratory classes: 6h

[ENG]5. Estudi de casos d'interès

Description:

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Full-or-part-time: 6h

Laboratory classes: 6h

GRADING SYSTEM
