

230301 - PSPICE - Circuit Simulation and Analysis Using PSpice

Coordinating unit: 230 - ETSETB - Barcelona School of Telecommunications Engineering
 Teaching unit: 710 - EEL - Department of Electronic Engineering
 Academic year: 2019
 Degree: BACHELOR'S DEGREE IN NETWORK ENGINEERING (Syllabus 2010). (Teaching unit Optional)
 BACHELOR'S DEGREE IN TELECOMMUNICATIONS SYSTEMS ENGINEERING (Syllabus 2010).
 (Teaching unit Optional)
 BACHELOR'S DEGREE IN TELECOMMUNICATIONS SCIENCE AND TECHNOLOGY (Syllabus 2010).
 (Teaching unit Optional)
 BACHELOR'S DEGREE IN ELECTRONIC SYSTEMS ENGINEERING (Syllabus 2009). (Teaching unit
 Optional)
 BACHELOR'S DEGREE IN AUDIOVISUAL SYSTEMS ENGINEERING (Syllabus 2009). (Teaching unit
 Optional)
 BACHELOR'S DEGREE IN TELECOMMUNICATIONS TECHNOLOGIES AND SERVICES ENGINEERING
 (Syllabus 2015). (Teaching unit Optional)
 ECTS credits: 2 Teaching languages: Catalan, Spanish

Teaching staff

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

Learning objectives of the subject

ENG

Study load

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|--------------------------|--------------------|-----|--------|
| Total learning time: 50h | Hours small group: | 20h | 40.00% |
| | Self study: | 30h | 60.00% |

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Content

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|---|---|
| <p>[ENG]1. Conceptes generals sobre simulació de circuits elèctrics</p> | <p>Learning time: 2h Laboratory classes: 2h</p> |
| <p>Description: -</p> | |
| <p>[CAST]3. Introducció al PSPICE d'Orcad</p> | <p>Learning time: 3h Laboratory classes: 3h</p> |
| <p>Description: -</p> | |
| <p>[ENG]3. Simulació bàsica en PSPICE</p> | <p>Learning time: 6h Laboratory classes: 6h</p> |
| <p>Description: -</p> | |
| <p>[ENG]4. Simulació avançada en PSPICE</p> | <p>Learning time: 6h Laboratory classes: 6h</p> |
| <p>Description: -</p> | |
| <p>[ENG]5. Estudi de casos d'interès</p> | <p>Learning time: 6h Laboratory classes: 6h</p> |
| <p>Description: -</p> | |

Bibliography