



## Course guides 220229 - 220229 - Electrical Technology

Last modified: 29/05/2020

**Unit in charge:** Terrassa School of Industrial, Aerospace and Audiovisual Engineering  
**Teaching unit:** 709 - DEE - Department of Electrical Engineering.

**Degree:** MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2013). (Optional subject).

**Academic year:** 2020    **ECTS Credits:** 3.0    **Languages:** Catalan

### LECTURER

**Coordinating lecturer:** Antoni Font Piera

**Others:**

### TEACHING METHODOLOGY

### LEARNING OBJECTIVES OF THE SUBJECT

### STUDY LOAD

Type	Hours	Percentage
Hours large group	27,0	36.00
Self study	48,0	64.00

**Total learning time:** 75 h

### CONTENTS

#### title english

**Description:**  
content english

**Full-or-part-time:** 18h  
Theory classes: 6h  
Self study : 12h

#### title english

**Description:**  
content english

**Full-or-part-time:** 17h  
Theory classes: 5h  
Self study : 12h



**title english**

**Description:**

content english

**Full-or-part-time:** 17h

Theory classes: 5h

Self study : 12h

**title english**

**Description:**

content english

**Full-or-part-time:** 17h

Theory classes: 5h

Self study : 12h

## ACTIVITIES

**name english**

**Full-or-part-time:** 12h

Theory classes: 12h

**name english**

**Full-or-part-time:** 12h

Theory classes: 12h

**name english**

**Full-or-part-time:** 2h

Theory classes: 2h

**name english**

**Full-or-part-time:** 2h

Theory classes: 2h

## GRADING SYSTEM



## BIBLIOGRAPHY

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### Basic:

- Ras Oliva, Enrique. Transformadores de potencia, de medida y de protección. 7ª ed. renovada. Barcelona: Marcombo, cop. 1988. ISBN 8426706908.
- Fraile Mora, Jesús. Máquinas eléctricas. 5a ed. Madrid [etc.]: McGraw-Hill, cop. 2003. ISBN 8448139135.
- Alabern Morera, X.; Riba Ruiz J.-R. Electrotecnia: problemas [on line]. 2ª ed. Barcelona: Edicions UPC, 2006 [Consultation: 08/01/2016]. Available on: <http://hdl.handle.net/2099.3/36760>. ISBN 8483018691.

## RESOURCES

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### Other resources:

Alabern Morera, X.; Riba Ruiz J.-R. Electrotecnia: problemas [en línia]. 2ª ed. Barcelona: Edicions UPC, 2006 [Consulta: 05/03/2012]. Disponible a:  
<<http://biblioteca.upc.es/EdUPC/locate4.asp?codi=EE056XXXNN>>