Course guides
330104 - EA - Analogue Electronics

Unit in charge: Manresa School of Engineering
Teaching unit: 750 - EMIT - Department of Mining, Industrial and ICT Engineering.

Degree: BACHELOR’S DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATIC CONTROL ENGINEERING (Syllabus 2009). (Compulsory subject).
BACHELOR’S DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATIC CONTROL ENGINEERING (Syllabus 2016). (Compulsory subject).
BACHELOR'S DEGREE IN AUTOMOTIVE ENGINEERING (Syllabus 2017). (Optional subject).

Academic year: 2020  ECTS Credits: 6.0  Languages: Catalan

LECTURER
Coordinating lecturer: Delis Ramos, Francisco Manuel

Others:

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
1. (ENG) Coneixement dels fonaments i aplicacions de la electrònica analògica.

2. (ENG) Capacitat per dissenyar sistemes electrònics analògics.

Transversal:
3. EFFICIENT ORAL AND WRITTEN COMMUNICATION - Level 3. Communicating clearly and efficiently in oral and written presentations. Adapting to audiences and communication aims by using suitable strategies and means.
4. TEAMWORK - Level 3. Managing and making work groups effective. Resolving possible conflicts, valuing working with others, assessing the effectiveness of a team and presenting the final results.
5. SELF-DIRECTED LEARNING - Level 3. Applying the knowledge gained in completing a task according to its relevance and importance. Deciding how to carry out a task, the amount of time to be devoted to it and the most suitable information sources.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

<table>
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<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
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<tr>
<td>Hours small group</td>
<td>15,0</td>
<td>10.00</td>
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<tr>
<td>Self study</td>
<td>90,0</td>
<td>60.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>45,0</td>
<td>30.00</td>
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Total learning time: 150 h
CONTENTS

Description:
content english

**Full-or-part-time:** 36h
Theory classes: 6h
Practical classes: 8h
Self study: 22h

Description:

**Full-or-part-time:** 39h
Theory classes: 8h
Practical classes: 8h
Self study: 23h

Description:

**Full-or-part-time:** 23h
Theory classes: 4h
Practical classes: 4h
Self study: 15h

**title english**

Description:
content english

**Full-or-part-time:** 52h
Theory classes: 12h
Practical classes: 10h
Self study: 30h

ACTIVITIES

**name english**

**Full-or-part-time:** 30h
Theory classes: 30h
name english

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<td>Self study</td>
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name english

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name english

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<td>6h</td>
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<td>Self study</td>
<td>21h</td>
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GRADING SYSTEM

BIBLIOGRAPHY

Basic:

Complementary: