330525 - EAOCAE - Computer-Aided Engineering (Cae)

Coordinating unit: 330 - EPSEM - Manresa School of Engineering  
Teaching unit: 750 - EMIT - Department of Mining, Industrial and ICT Engineering  
Academic year: 2019  
Degree: BACHELOR'S DEGREE IN AUTOMOTIVE ENGINEERING (Syllabus 2017). (Teaching unit Compulsory)  
ECTS credits: 3  
Teaching languages: Catalan, Spanish, English

Teaching staff

Coordinator: Riera Colom, Maria Dolores
Others: Soler Conde, Marc Antoni

Degree competences to which the subject contributes

Specific:
1. (ENG) Introduir la utilització de programari (software), comercial o de lliure distribució, en les distintes activitats de l'Enginyeria relacionades amb el disseny, desenvolupament, fabricació i comportament en servei de productes.
2. (ENG) Utilitzar diferents programes per tal d'avaluar el comportament en servei i en el procés de disseny de components, sobre tot, d'automoció.

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. EFFECTIVE USE OF INFORMATION RESOURCES - Level 3. Planning and using the information necessary for an academic assignment (a final thesis, for example) based on a critical appraisal of the information resources used.
5. 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.

Learning objectives of the subject

Study load

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<th>Hours large group:</th>
<th>Hours medium group:</th>
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<th>Self study:</th>
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### Planning of activities

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**Description:**

- content english

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**Learning time:**

- 5h
- Laboratory classes: 4h
- Self study: 1h

- 5h
- Laboratory classes: 4h
- Self study: 1h

- 6h
- Laboratory classes: 4h
- Self study: 2h

- 10h
- Self study: 10h

- 10h
- Self study: 10h

- 5h
- Self study: 5h

- 12h
- Laboratory classes: 2h
- Self study: 10h
Bibliography

Basic:


Complementary:


Others resources: