820442 - EMM - Steel Structures

Degree competences to which the subject contributes

Transversal:
1. 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.
2. 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

<table>
<thead>
<tr>
<th>Total learning time: 150h</th>
<th>Hours large group: 45h</th>
<th>30.00%</th>
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<tbody>
<tr>
<td>Hours medium group: 0h</td>
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<tr>
<td>Hours small group: 15h</td>
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<td>Guided activities: 0h</td>
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<td>Self study: 90h</td>
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<td>(ENG) Tema 1: INTRODUCCIÓ</td>
<td>Learning time: 7h</td>
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<td>Theory classes: 2h</td>
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<td>Self study : 5h</td>
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<tr>
<th>(ENG) Tema 2: BASES DE CÀLCUL</th>
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<td>Self study : 12h</td>
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<tr>
<th>(ENG) Tema 3: TRACCIÓ I COMPRESSIÓ</th>
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<tbody>
<tr>
<td></td>
<td>Theory classes: 6h</td>
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<td></td>
<td>Laboratory classes: 3h</td>
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<th>(ENG) Tema 4: TALLANT I FLEXIÓ</th>
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<td></td>
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<th>(ENG) Tema 5: UNIONS</th>
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<td>Laboratory classes: 3h</td>
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<tr>
<td></td>
<td>Self study : 12h</td>
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<tr>
<th>(ENG) Tema 6: PROTECCIÓ DE LES ESTRUCTURES METÀL·LIQUES</th>
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<td>Laboratory classes: 3h</td>
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<td></td>
<td>Self study : 12h</td>
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**820442 - EMM - Steel Structures**

### (ENG) Tema 7: CONTROL DE QUALITAT

Learning time: 19h
- Theory classes: 6h
- Laboratory classes: 3h
- Self study: 10h

### (ENG) Tema 8: PROJECTES

Learning time: 14h
- Theory classes: 4h
- Self study: 10h

### (ENG) Tema 9: PROCEDIMENTS DE CONSTRUCCIÓ

Learning time: 8h
- Theory classes: 3h
- Self study: 5h

#### Bibliography

**Basic:**


**Others resources:**

- Audiovisual material
  - Aula amb CANÓ

- Aula de pràctiques amb CYPE