330344 - GMI - Mining Geophysics

Coordinating unit: 330 - EPSEM - Manresa School of Engineering
Teaching unit: 750 - EMIT - Department of Mining, Industrial and ICT Engineering
Academic year: 2016
Degree: MASTER'S DEGREE IN MINING ENGINEERING (Syllabus 2013). (Teaching unit Optional)
ECTS credits: 5
Teaching languages: Catalan

Teaching staff
Coordinator: Parcerisa Duocastella, David

Degree competences to which the subject contributes

Specific:
1. (ENG) Coneixement adequat d'aspectes científics i tecnològics de mecànica de fluids, mecànica de mitjans continus, càlcul d'estructures, geotècnia, carboquímica i petroquímica.
2. (ENG) Coneixement adequat de modelització i avaluació de recursos geològics, incloses les aigües subterrànies, minerals i termals.

Learning objectives of the subject

Study load

<table>
<thead>
<tr>
<th>Total learning time: 125h</th>
<th>Hours large group: 0h</th>
<th>0.00%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hours medium group:</td>
<td>45h</td>
</tr>
<tr>
<td></td>
<td>Hours small group:</td>
<td>0h</td>
</tr>
<tr>
<td></td>
<td>Guided activities:</td>
<td>0h</td>
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<tr>
<td></td>
<td>Self study:</td>
<td>80h</td>
</tr>
<tr>
<td>Content</td>
<td>Description: content english</td>
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<tr>
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</tbody>
</table>
| **title english** | **Learning time: 5h**  
| | Practical classes: 2h  
| | Self study: 3h |
| **title english** | **Learning time: 26h**  
| | Practical classes: 6h  
| | Laboratory classes: 5h  
| | Self study: 15h |
| **title english** | **Learning time: 19h**  
| | Practical classes: 4h  
| | Laboratory classes: 3h  
| | Self study: 12h |
| **title english** | **Learning time: 29h**  
| | Practical classes: 6h  
| | Laboratory classes: 3h  
| | Self study: 20h |
| **title english** | **Learning time: 22h**  
| | Practical classes: 4h  
| | Laboratory classes: 3h  
| | Self study: 15h |
### Learning time

- **Practical classes**: 6h
- **Laboratory classes**: 3h
- **Self study**: 15h

### Description:

content english

### Planning of activities

<table>
<thead>
<tr>
<th>Name English</th>
<th>Hours</th>
<th>Laboratory classes</th>
<th>Self study</th>
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<tbody>
<tr>
<td></td>
<td>11h</td>
<td>5h</td>
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<tr>
<td></td>
<td>10h</td>
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<tr>
<td></td>
<td>6h</td>
<td>1h</td>
<td>5h</td>
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<tr>
<td></td>
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<td>3h</td>
</tr>
<tr>
<td></td>
<td>15h</td>
<td>3h</td>
<td>12h</td>
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</table>
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Bibliography

Basic:


Complementary:


Others resources: