280659 - Inspection and Non-Destructive Testing

Coordinating unit: 280 - FNB - Barcelona School of Nautical Studies
Teaching unit: 742 - CEN - Department of Nautical Sciences and Engineering
Academic year: 2017
Degree: BACHELOR'S DEGREE IN NAVAL SYSTEMS AND TECHNOLOGY ENGINEERING (Syllabus 2010). (Teaching unit Compulsory)
BACHELOR'S DEGREE IN MARINE TECHNOLOGIES (Syllabus 2010). (Teaching unit Compulsory)
BACHELOR'S DEGREE IN MARINE TECHNOLOGIES/BACHELOR'S DEGREE IN NAVAL SYSTEMS AND TECHNOLOGY ENGINEERING (Syllabus 2016). (Teaching unit Compulsory)
ECTS credits: 4,5
Teaching languages: Catalan, Spanish

Teaching staff
Coordinator: JUAN ANTONIO MORENO MARTINEZ
Others: JUAN ANTONIO MORENO MARTINEZ - 1

Degree competences to which the subject contributes

Specific:
2. Knowledge of inspection procedures and the functioning of the Classification Societies.

Transversal:
1. EFFICIENT ORAL AND WRITTEN COMMUNICATION - Level 2. Using strategies for preparing and giving oral presentations. Writing texts and documents whose content is coherent, well structured and free of spelling and grammatical errors.

Learning objectives of the subject

On the other hand, one of the objectives of this subject is provide the knowledge, understanding and proficiency of the competency ?NAME OF THE COMPETENCY STCW ATTACHED TABLE OF SUBJECTS?, competency required and defined in Section A-III/1 Mandatory minimum requirements for certification of officers in charge of an engineering watch in a manned engine-room or designated duty engineer in a periodically unmanned engine-room (propulsion power of 750 kW or more) of the Seafarers? Training, Certification and Watchkeeping (STCW) International Code.
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Study load

<table>
<thead>
<tr>
<th>Total learning time: 112h 30m</th>
<th>Hours large group: 25h 22.22%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hours medium group: 0h 0.00%</td>
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<tr>
<td></td>
<td>Hours small group: 20h 17.78%</td>
</tr>
<tr>
<td></td>
<td>Guided activities: 0h 0.00%</td>
</tr>
<tr>
<td></td>
<td>Self study: 67h 30m 60.00%</td>
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</tbody>
</table>

Content

(ENG) INSPECCIÓ PER LIQUIDS PENETRANTS

Degree competences to which the content contributes:

(ENG) INSPECCIÓ PER PARTÍCULES MAGNÈTIQUES

Degree competences to which the content contributes:

(ENG) INSPECCIÓ PER ULTRASONIS

Degree competences to which the content contributes:

(ENG) ALTRES ASSAIGS: INSPECCIÓ VISUAL, INSPECCIÓ TERMOMÈTRICA I INTERPRETACIÓ RADIOGRAÀFICA

Degree competences to which the content contributes:

Bibliography

Basic:


