280692 - Technical Inspection of Recreational Craft

Coordinating unit: 280 - FNB - Barcelona School of Nautical Studies
Teaching unit: 742 - CEN - Department of Nautical Sciences and Engineering
Academic year: 2018
Degree: BACHELOR'S DEGREE IN NAVAL SYSTEMS AND TECHNOLOGY ENGINEERING (Syllabus 2010).
(Teaching unit Optional)
BACHELOR'S DEGREE IN MARINE TECHNOLOGIES (Syllabus 2010). (Teaching unit Optional)
BACHELOR'S DEGREE IN NAUTICAL SCIENCE AND MARITIME TRANSPORT (Syllabus 2010).
(Teaching unit Optional)
BACHELOR'S DEGREE IN MARINE TECHNOLOGIES/BACHELOR'S DEGREE IN NAVAL SYSTEMS AND TECHNOLOGY ENGINEERING (Syllabus 2016). (Teaching unit Optional)
ECTS credits: 6
Teaching languages: Catalan

Teaching staff
Coordinator: JORGE TORRALBO GAVILAN

Prior skills
- Have a good background on the different parts that can be found in a yacht or small craft from a technical point of view. Parts that compose a boat and knowledge of how the different systems work.

Teaching methodology
Theoric part and of base with examples supported by media.
Theoric part based in current regulations in national and international scope.
Practical part of a surveying for a defined yacht.

Learning objectives of the subject
Prepare the students with enough skills and knowledge to make a technical survey of a yacht or small craft and always referring the survey to the current regulations.

Study load

<table>
<thead>
<tr>
<th>Total learning time: 150h</th>
<th>Hours large group: 30h</th>
<th>20.00%</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Hours medium group: 15h</td>
<td>10.00%</td>
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<tr>
<td></td>
<td>Hours small group: 10h</td>
<td>6.67%</td>
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<td></td>
<td>Guided activities: 5h</td>
<td>3.33%</td>
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<td></td>
<td>Self study: 90h</td>
<td>60.00%</td>
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</table>
## Content

<table>
<thead>
<tr>
<th>Topic</th>
<th>Learning time</th>
<th>Theory classes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Technical surveying bases and the current situation of the leisure boats industry</strong></td>
<td>10h</td>
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<tr>
<td><strong>Yachts and Small Craft</strong></td>
<td>10h</td>
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<tr>
<td><strong>Comparison of inspections of pleasure craft with other countries of the European Union</strong></td>
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<tr>
<td><strong>What to survey and what we should take into account</strong></td>
<td>10h</td>
<td>10h</td>
</tr>
<tr>
<td><strong>Writing the report</strong></td>
<td>10h</td>
<td>10h</td>
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<tr>
<td><strong>Case studies of inspection</strong></td>
<td>10h</td>
<td>10h</td>
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### Description:

- **Technical surveying bases and the current situation of the leisure boats industry**
  - The student is introduced and ubicated in the current leisure boats surveying frame.

- **Yachts and Small Craft**
  - Show how a yacht or small craft works

- **Comparison of inspections of pleasure craft with other countries of the European Union**
  - Comparison of inspections of pleasure craft with other countries of the European Union

- **What to survey and what we should take into account**
  - Description of each part of a yacht or small craft that should be surveyed

- **Writing the report**
  - What to consider and how to structurate the document where the surveying is described.

- **Case studies of inspection**
  - Do a survey to a yacht
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**Safety, fire and radio communications equipment**

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<td><strong>Theory classes:</strong></td>
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**Description:**
Description of safety, firefighting and radio communications equipment based on the navigation area. Technical description of the equipment and study their characteristics.

**Qualification system**
Continuous evaluation system.
50% final exam
30% parcial exams
20% Tasks / practices / activities in the classroom

**Regulations for carrying out activities**
The evaluation tests may contain theoretical tests, practical and / or troubleshooting.

It is considered not presented when none of the evaluable tests may be done.

The test will be held on reevaluation and time specified by the Faculty. Consist of a single test may be submitted only the students who meet the requirements set out in the undergraduate academic regulations of the FNB.

**Bibliography**

**Others resources:**

- Safety, fire and radio communications equipment
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