Course guide
280692 - 280692 - Technical Inspection of Recreational Craft

Unit in charge: Barcelona School of Nautical Studies
Teaching unit: 742 - CEN - Department of Nautical Sciences and Engineering.
Degree:
BACHELOR’S DEGREE IN MARINE TECHNOLOGIES (Syllabus 2010). (Optional subject).
BACHELOR’S DEGREE IN NAUTICAL SCIENCE AND MARITIME TRANSPORT (Syllabus 2010). (Optional subject).
BACHELOR’S DEGREE IN NAVAL SYSTEMS AND TECHNOLOGY ENGINEERING (Syllabus 2010). (Optional subject).
Academic year: 2022
ECTS Credits: 6.0
Languages: Catalan

LECTURER
Coordinating lecturer: JORGE TORRALBO GAVILAN
Others:
Primer quadrimestre: JORGE TORRALBO GAVILAN - DT, GESTN, GNTM, GTM

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.

REQUIREMENTS
- Having passed the course of 280646/280614 Naval Construction.

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>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guided activities</td>
<td>5,0</td>
<td>3.33</td>
</tr>
<tr>
<td>Hours small group</td>
<td>10,0</td>
<td>6.67</td>
</tr>
<tr>
<td>Self study</td>
<td>90,0</td>
<td>60.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>30,0</td>
<td>20.00</td>
</tr>
<tr>
<td>Hours medium group</td>
<td>15,0</td>
<td>10.00</td>
</tr>
</tbody>
</table>

Total learning time: 150 h
## CONTENTS

### Technical surveying bases and the current situation of the leisure boats industry

**Description:**
The student is introduced and ubicated in the current leisure boats surveying frame.

**Full-or-part-time:** 10h
Theory classes: 10h

### Yachts and Small Craft

**Description:**
Show how a yacht or small craft works

**Full-or-part-time:** 10h
Theory classes: 10h

### Comparison of inspections of pleasure craft with other countries of the European Union

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

**Full-or-part-time:** 10h
Theory classes: 10h

### What to survey and what we should take into account

**Description:**
Description of each part of a yacht or small craft that should be surveyed

**Full-or-part-time:** 10h
Theory classes: 10h

### Writing the report

**Description:**
What to consider and how to structurate the document where the surveying is described.

**Full-or-part-time:** 10h
Theory classes: 10h

### Case studies of inspection

**Description:**
Do a survey to a yacht

**Full-or-part-time:** 10h
Theory classes: 10h
Safety, fire and radio communications equipment

**Description:**
Description of safety, firefighting and radio communications equipment based on the navigation area.
Technical description of the equipment and study their characteristics

**Full-or-part-time:** 10h
Theory classes: 10h

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**GRADING SYSTEM**

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

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**EXAMINATION RULES.**

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.

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**BIBLIOGRAPHY**

**Basic:**

**Complementary:**