Course guide
280608 - 280608 - Maritime Technical English

Unit in charge: Barcelona School of Nautical Studies
Teaching unit: 756 - THATC - Department of History and Theory of Architecture and Communication Techniques.
Degree: BACHELOR’S DEGREE IN NAUTICAL SCIENCE AND MARITIME TRANSPORT (Syllabus 2010). (Compulsory subject).
Academic year: 2022  ECTS Credits: 6.0  Languages: English

LECTURER
Coordinating lecturer: CLAUDIA BARAHONA FUENTES
Others: Primer quadrimestre: CLAUDIA BARAHONA FUENTES - Grup: GNTM

Segon quadrimestre:
CLAUDIA BARAHONA FUENTES - Grup: GNTM1, Grup: GNTM2
DEAN JAMES KRAUTH - Grup: GNTM1, Grup: GNTM2

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
1. Knowledge of technical English shipping.

TEACHING METHODOLOGY

Acquire enough technical English competence in order to perform the following actions in this language:
· Read and understand maritime publications
· Understand relevant messages for the safety of the ship
· Communicate in written and oral form in the maritime field
· Develop adequate reasoning and critical thinking
· Learning to work cooperatively and autonomously

LEARNING OBJECTIVES OF THE SUBJECT

Understand maritime technical terminology.
Understand technical manuals and specifications in English. Look for and find information in English online resources. Respond adequately to questions posed and write basic technical texts correctly.
Acquire adequate knowledge of the English language to enable the officer to use charts and other nautical publications (this knowledge is necessary in accordance with STCW Code).
On the other hand, one of the objectives of this subject is to provide the knowledge: Use the IMO Standard Marine Communication Phrases and use English in written and oral form, competency required and defined in Section A-II/1 (Mandatory minimum requirements for certification of masters and chief mates on ships of 500 gross tonnage or more) of the Seafarers? Training, Certification and Watchkeeping (STCW) International Code.
This course will evaluate the following STCW competences: A-II/1-8. Use the IMO standard Marine Communication Phrases and use English in written and oral form, and its associated knowledge understanding and proficiency: Adequate knowledge of the English language to enable the officer to use charts and other nautical publications, to understand meteorological information and messages concerning ship’s safety and operation, to communicate with other ships, coast stations and VTS centres and to perform the officer’s duties also with a multilingual crew, including the ability to use and understand the IMO Standard Marine Communication Phrases (IMO SMCP).
### STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guided activities</td>
<td>10,0</td>
<td>6.67</td>
</tr>
<tr>
<td>Hours large group</td>
<td>22,0</td>
<td>14.67</td>
</tr>
<tr>
<td>Self study</td>
<td>90,0</td>
<td>60.00</td>
</tr>
<tr>
<td>Hours medium group</td>
<td>22,0</td>
<td>14.67</td>
</tr>
<tr>
<td>Hours small group</td>
<td>6,0</td>
<td>4.00</td>
</tr>
</tbody>
</table>

**Total learning time:** 150 h

### CONTENTS

#### (ENG) Types of vessels

**Description:**

Vessels used for the transportation of cargo and passengers: general cargo ships, dry bulk carriers, liquid bulk carriers, container ships, Ro/Ro ships, coasters, reefers, Lash-vessels, heavy-load vessels, timber carriers, multi-purpose vessels and passenger ships.

Assistance and service vessels: tugs, salvage vessels, buoyage vessels, survey vessels, supply boats, SAR-vessels, firefloats, pilot tenders, cable layers, lightships, icebreakers and dredgers. (STCW: A-II/1-8)

**Related activities:**

Practical activities: Description of the features of design and function of different types of vessels.

**Related competencies:**


**Full-or-part-time:** 34h

Theory classes: 6h
Practical classes: 6h
Laboratory classes: 2h
Guided activities: 2h
Self study: 18h

#### (ENG) Ship’s particulars

**Description:**

Description of ship’s particulars.

Tonnage: displacement, weights and volumes, cargo spaces.

Dimensions: Moulded breadth, moulded depth, beam, length overall, length between perpendiculars, draft, air draft, freeboard and underkeel clearance. (STCW: A-II/1-8)

**Related activities:**

Practical activities: description of the main particulars of vessels.

**Related competencies:**


**Full-or-part-time:** 29h

Theory classes: 4h
Practical classes: 4h
Laboratory classes: 1h
Guided activities: 2h
Self study: 18h
**(ENG) Ship's general arrangement plan**

**Description:**
Subdivision of a typical vessel.
Foreward section: Fore peak tank, forecastle, chain locker, hawsepipes.
Midship section: holds, tanks, double bottom, bilges.
After section: living quarters, navigation bridge, machinery spaces, after peak tank. (STCW: A-II/1-8)
Expressions used to indicate position on board and outside the vessel.

**Related activities:**
Practical activities: description of the characteristics and function of the different spaces and separations onboard. Positioning objects onboard and outside the vessel.

**Related competencies:**

**Full-or-part-time:** 29h
Theory classes: 4h
Practical classes: 4h
Laboratory classes: 1h
Guided activities: 2h
Self study: 18h

**(ENG) Shipbuilding and classification of ships**

**Description:**
Shipbuilding: the main structural parts of a ship.
Classification of ships: classification societies (Lloyd's Register of shipping, Det Norske Veritas, etc.), the Register Book, surveys, classification symbols. (STCW: A-II/1-8)

**Related activities:**
Practical activities: description of the classification and shipbuilding processes.

**Related competencies:**

**Full-or-part-time:** 29h
Theory classes: 4h
Practical classes: 4h
Laboratory classes: 1h
Guided activities: 2h
Self study: 18h
**Description:**
In port, port operations, leaving port, Port State Control. (STCW: A-II/1-8)

**Related activities:**
Practical activities: Description of a modern port, its management and organisation. Description of port requirements and inspections.

**Related competencies:**

**Full-or-part-time:** 29h
- Theory classes: 4h
- Practical classes: 4h
- Laboratory classes: 1h
- Guided activities: 2h
- Self study: 18h

---

**GRADING SYSTEM**

The final mark is the result of the following assessment activities:

\[ N_{\text{final}} = 0.5 N_{\text{pf}} + 0.30 N_{\text{ac}} + 0.2 N_{\text{ti}} \]

- \( N_{\text{pf}} \): final exam
- \( N_{\text{ac}} \): continuous assessment
- \( N_{\text{ti}} \): assignments and reports
- \( N_{\text{po}} \): oral presentations

The final exam consists of questions associated to the course learning objectives, concerning knowledge or comprehension, and of practical and applied tasks.

The continuous assessment consists of different brief activities and tests carried out during the course.

The assignments and reports can be individual or cooperative activities, which could be carried out inside the classroom or as homework.

The oral presentations can also be carried out individually or cooperatively.

The reassessment of the course will consist of a unique test including all the contents covered to acquire the corresponding learning objectives.

---

**EXAMINATION RULES.**

If any of the classroom tasks or continuous assessment tasks is not carried out, the task will not be marked.

A student will receive the final mark of "Absent" if he/she does not carry out at least a 70% of the course assessment activities.

---

**BIBLIOGRAPHY**

**Basic:**

**Complementary:**
ISBN 8477865418.

RESOURCES

Computer material: