280613 - Technical English for Maritime Navigation

Coordinating unit: 280 - FNB - Barcelona School of Nautical Studies
Teaching unit: 756 - THATC - Department of History and Theory of Architecture and Communication Techniques

Academic year: 2017
Degree: BACHELOR'S DEGREE IN NAUTICAL SCIENCE AND MARITIME TRANSPORT (Syllabus 2010). (Teaching unit Compulsory)
ECTS credits: 9
Teaching languages: English

Teaching staff

Coordinator: CLAUDIA BARAHONA FUENTES
Others: CLAUDIA BARAHONA FUENTES - 1
MARIA DEL CARME BORDERA PEREZ - 1

Opening hours

Timetable:
- Mondays 12-14
- Wednesdays 12-14
- Thursdays 10-11 and 13-14
- Vice-Deans' office

Degree competences to which the subject contributes

Specific:

Transversal:
1. THIRD LANGUAGE. Learning a third language, preferably English, to a degree of oral and written fluency that fits in with the future needs of the graduates of each course.
2. EFFICIENT ORAL AND WRITTEN COMMUNICATION - Level 1. Planning oral communication, answering questions properly and writing straightforward texts that are spelt correctly and are grammatically coherent.

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.

Plan and deliver oral presentations, respond adequately to questions posed and write technical documents of an intermediate level.

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: Use the IMO standard Marine Communication Phrases and use English in written and oral form.

**Study load**

<table>
<thead>
<tr>
<th>Total learning time: 225h</th>
<th>Hours large group: 33h 45m 15.00%</th>
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<tbody>
<tr>
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<td>Hours medium group: 33h 45m 15.00%</td>
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<td>Hours small group: 9h 4.00%</td>
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<td>Guided activities: 13h 30m 6.00%</td>
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<td>Self study: 135h 60.00%</td>
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## Content

<table>
<thead>
<tr>
<th>Topic</th>
<th>Learning time</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>(ENG) Maritime communications</strong>&lt;br&gt;<strong>Learning time:</strong> 38h 30m</td>
<td>Theory classes: 6h&lt;br&gt;Practical classes: 6h&lt;br&gt;Laboratory classes: 2h&lt;br&gt;Guided activities: 2h&lt;br&gt;Self study: 22h 30m</td>
<td>Introduction to Maritime communications. GMDSS. VHF communication procedures. Priorities (Distress, Urgency, Safety and Routine messages). Search and rescue. Adequate knowledge of the English language to enable the officer to understand 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 (this knowledge is necessary in accordance with STCW Code).</td>
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<tr>
<td><strong>(ENG) Standard Marine Communication Phrases (SMCP)</strong>&lt;br&gt;<strong>Learning time:</strong> 72h 30m</td>
<td>Theory classes: 10h&lt;br&gt;Practical classes: 10h&lt;br&gt;Laboratory classes: 2h&lt;br&gt;Guided activities: 5h 30m&lt;br&gt;Self study: 45h</td>
<td>Standard Marine Communication Phrases: Phrases for external and on board communications. Adequate knowledge of the English language to enable the officer to understand 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 (this knowledge is necessary in accordance with STCW Code).</td>
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<td><strong>(ENG) Navigation</strong>&lt;br&gt;<strong>Learning time:</strong> 38h 30m</td>
<td>Theory classes: 6h&lt;br&gt;Practical classes: 6h&lt;br&gt;Laboratory classes: 2h&lt;br&gt;Guided activities: 2h&lt;br&gt;Self study: 22h 30m</td>
<td>Instruments and electronic aids for navigation. Anchoring, berthing, leaving berth and underway. Buoyage. Pilot reading. 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).</td>
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Qualification system

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

\[ N_{\text{final}} = 0.5 \, N_{\text{pf}} + 0.30 \, N_{\text{ac}} + 0.1 \, N_{\text{ti}} + 0.10 \, N_{\text{po}} \]

\( N_{\text{final}} \): final mark
\( N_{\text{pf}} \): 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 objective.
Regulations for carrying out activities

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:

Workbook of technical English for maritime navigation.


Complementary:


Others resources:

Hyperlink

MarEng Learning Tool