

## Course guide

### 280608 - 280608 - Maritime Technical English

**Last modified:** 25/10/2023

<b>Unit in charge:</b>	Barcelona School of Nautical Studies	
<b>Teaching unit:</b>	756 - THATC - Department of History and Theory of Architecture and Communication Techniques.	
<b>Degree:</b>	BACHELOR'S DEGREE IN NAUTICAL SCIENCE AND MARITIME TRANSPORT (Syllabus 2010). (Compulsory subject).	
<b>Academic year:</b> 2023	<b>ECTS Credits:</b> 6.0	<b>Languages:</b> English

#### LECTURER

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<b>Coordinating lecturer:</b>	CLAUDIA BARAHONA FUENTES
<b>Others:</b>	Primer quadrimestre: CLAUDIA BARAHONA FUENTES - GNTM MARIA DEL CARME BORDERA PEREZ - GNTM  Segon quadrimestre: CLAUDIA BARAHONA FUENTES - GNTM DEAN JAMES KRAUTH - GNTM

#### DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

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**Specific:**

1. Knowledge of technical English shipping.

#### TEACHING METHODOLOGY

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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

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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

Type	Hours	Percentage
Hours large group	22,0	14.67
Hours medium group	22,0	14.67
Guided activities	10,0	6.67
Self study	90,0	60.00
Hours small group	6,0	4.00

**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 :

CE6. Knowledge of technical English shipping.

#### 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 :

CE6. Knowledge of technical English shipping.

#### 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 :**

CE6. Knowledge of technical English shipping.

**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 :**

CE6. Knowledge of technical English shipping.

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

Theory classes: 4h

Practical classes: 4h

Laboratory classes: 1h

Guided activities: 2h

Self study : 18h



### (ENG) The port

**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 :**

CE6. Knowledge of technical English shipping.

**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:

$N_{final} = 0,5 N_{pf} + 0,30 N_{ac} + 0,2 N_{ti}$

$N_{final}$ : final mark

$N_{pf}$ : final exam

$N_{ac}$ : continuous assessment

$N_{ti}$ : assignments and reports

$N_{po}$ : 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:**

- Van Kluijven, P. C. International maritime language programme : an English course for students at maritime colleges and for on-board training. Alkmaar: Alk & Heijnen,, 2003. ISBN 9789059610064.

**Complementary:**

- Maritime English : IMO model course ; 3.17. [London]: International Maritime Organization, 2000. ISBN 9280150960.

- Barahona Fuentes, C.; Arnó Macià, E. English for academic purposes : learning English through the web [on line]. Barcelona: Edicions UPC, 2001 [Consultation: 15/05/2012]. Available on: <http://hdl.handle.net/2099.3/36428>. ISBN 8483014793.

- Blakey, T.N. English for maritime studies. Oxford: Pergamon Press, 1983. ISBN 0080286364.

- Bombardó Solés, C.; Aguilar Pérez, M.; Barahona Fuetnes, C. Technical writing : a guide for effective communication [on line]. Barcelona: Edicions UPC, 2007 [Consultation: 16/06/2012]. Available on: <http://hdl.handle.net/2099.3/36667>. ISBN 9788483019665.

- López, E.; Spiegelberg J. M.; Carrillo, F. Inglés técnico naval. 3a ed. Cádiz: Servicio de Publicaciones Universidad de Cádiz, 1991.



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- Logie, C.; Vivers, E.; Nisbet, A. English for seafarers : study pack 2. Glasgow: Marlins, 1998. ISBN 0953174816.
- Nisbet, A.; Kutz, A.W.; Logie, C. English for seafarers: study pack 1. Glasgow: Marlins, 1997. ISBN 0953174808.

## RESOURCES

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### Computer material:

- MarEng Learning Tool. Web-based Maritime English Learning Tool <http://mareng.utu.fi>