



Course guide

280692 - 280692 - Technical Inspection of Recreational Craft

Last modified: 27/05/2025

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: 2025

ECTS Credits: 6.0

Languages: Catalan

LECTURER

Coordinating lecturer: JORGE TORRALBO GAVILAN

Primer quadrimestre:

JORGE TORRALBO GAVILAN - Grup: DT, Grup: GESTN, Grup: GNTM, Grup: GTM

Others:

Primer quadrimestre:

ANTONI MORRAL OYAMBURU - DT, GESTN, GNTM, GTM

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

Type	Hours	Percentage
Hours large group	60,0	40.00
Self study	90,0	60.00

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

GRADING SYSTEM

Continuous evaluation system.

50% final exam

30% parcial exams

20% Tasks / practices / activities in the classroom

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.

BIBLIOGRAPHY

Basic:

- Langley-Price, Pat ; Ouvry, Philip. Competent crew : for new crew and competent crew students [on line]. 5th ed. London: Adlard Coles Nautical, 2007 [Consultation: 08/07/2024]. Available on: <https://ebookcentral-proquest-com.recursos.biblioteca.upc.edu/lib/upcatalunya-ebooks/detail.action?pq-origsite=primo&docID=6159330>. ISBN 9781408107836.

Complementary:

- Noice, Alison. Yachtmaster for sail and power : a manual for the RYA Yachtmaster certificates of competence [on line]. 4th ed. London: Bloomsbury, 2015 [Consultation: 08/07/2024]. Available on: <https://ebookcentral-proquest-com.recursos.biblioteca.upc.edu/lib/upcatalunya-ebooks/detail.action?pq-origsite=primo&docID=5548491>. ISBN 9781472925510.

- Pickthall, Barry. Buying a yacht new or second-hand [on line]. London: Adlard Coles Nautical, an imprint of Bloomsbury Pub, 2012 [Consultation: 08/07/2024]. Available on: <https://ebookcentral-proquest-com.recursos.biblioteca.upc.edu/lib/upcatalunya-ebooks/detail.action?pq-origsite=primo&docID=863151>. ISBN 9781408155943.

- Fairhall, David. Pass your day skipper [on line]. 6th ed. London: Adlard Coles Nautical, an imprint of Bloomsbury Publishing Plc, 2017 [Consultation: 08/07/2024]. Available on: <https://ebookcentral-proquest-com.recursos.biblioteca.upc.edu/lib/upcatalunya-ebooks/detail.action?pq-origsite=primo&docID=6160338>. ISBN 9781472942968.

- Wells, Duncan. Navegar sin estrés : técnicas de navegación en solitario y a dos. Barcelona: Editorial Juventud, [2019]. ISBN 9788426142535.