280706 - Project Management

Coordinating unit: 280 - FNB - Barcelona School of Nautical Studies
Teaching unit: 732 - OE - Department of Management
Academic year: 2019
Degree: MASTER'S DEGREE IN NAUTICAL SCIENCE AND MARITIME TRANSPORT MANAGEMENT (Syllabus 2016). (Teaching unit Compulsory)
MASTER'S DEGREE IN THE MANAGEMENT AND OPERATION OF MARINE ENERGY FACILITIES (Syllabus 2016). (Teaching unit Compulsory)
ECTS credits: 5
Teaching languages: English

Teaching staff
Coordinator: JORGE OLIVELLA NADAL

Opening hours
Timetable: Friday from 6:00 to 7:00PM

Degree competences to which the subject contributes

Basic:
CB6. Possess knowledge and understanding that provide a basis or opportunity to be original in the development and/or application of ideas, often in a research context.
CB7. That the students can apply their knowledge and ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their study area.
CB8. Students should be able to integrate knowledge and handle the complexity of making judgments based on information that, being incomplete or limited, includes reflections on the responsibilities social and ethical linked to the application of their knowledge and judgments.

CB9. That students can communicate their conclusions and the knowledge and latest rationale underpinning to specialists and non-specialty clearly and unambiguously.

Students should be able to integrate knowledge and handle the complexity of making judgments based on information that, being incomplete or limited, includes reflections on the responsibilities social and ethical linked to the application of their knowledge and judgments.
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**Specific:**
- CE2-MNGTM. Metodología de projectes.
- CE17-MNGTM. Gestión de actividades portuarias.
- CE19-MNGTM. Anglès tècnic marítim i comercial.
- CE21-MNGTM. Conocimientos de Convenios Internacionales y Nacionales Marítimos.
- CE22-MNGTM. Coneixements i capacitat per aplicar les tècniques d'adopció de decisions.
- CE23-MNGTM. Conocimientos y capacidad para aplicar una gestión eficaz de los recursos.
- CE25MGOIEM. Coneixements d'economia de la gestió de les empreses del sector marítim, el negoci marítim i la logística associada

**Generical:**
- CG2-MGOIEM. (ENG) Capacidad para resolver problemas complejos y tomar decisiones con responsabilidad sobre bases científicas y tecnológicas en el ámbito de su especialidad
- CG6-MGOIEM. (ENG) Capacidad para desarrollar los conocimientos para el análisis e interpretación de mediciones, cálculos, valoraciones, tasaciones, peritaciones, estudios, informes y documentos técnicos en el ámbito de su especialidad
- CG8-MGOIEM. Capacitat per a la gestió i direcció d'empreses marítimes

- CG11MGOIEM. Capacitat per realitzar tasques d'investigació, desenvolupament i innovació en l'àmbit de la seva especialitat
- CG13MGOIEM. Capacitat per organitzar i dirigir grups de treball multidisciplinaris en un entorn multilingüe, i de generar informes per a la transmissió de coneixements i resultats

**Transversal:**
- CT2. SUSTAINABILITY AND SOCIAL COMMITMENT: Being aware of and understanding the complexity of the economic and social phenomena typical of a welfare society, and being able to relate social welfare to globalisation and sustainability and to use technique, technology, economics and sustainability in a balanced and compatible manner.
- CT3. TEAMWORK: Being able to work in an interdisciplinary team, whether as a member or as a leader, with the aim of contributing to projects pragmatically and responsibly and making commitments in view of the resources that are available.
- CT1. ENTREPRENEURSHIP AND INNOVATION: Knowing and understanding the organization of a company and the sciences that govern the activity; be able to understand the business rules and relationships between planning, industrial and commercial strategies, quality and profit.

Know and understand the mechanisms that scientific research is based, as well as the mechanisms and instruments of transfer of results between different socio-economic actors involved in the processes of R + D + I.
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Teaching methodology

SESSION STRUCTURE
The structure of the sessions will include:
- Basic concepts, tools to use and examples (30 m).
- Work in teams: application of the tools to a given example, the same for all the teams. (50m)
- Presentation of the results of the work of the teams to the whole group (30m)
- Remarks and final instructions (10m)
Some of the session will include a talk of an expert. In this cases the structure of the session will be appropriately adapted.

ASSIGNMENTS
Assignments will refer to the application of the analysed tools to particular cases and situations.

Learning objectives of the subject

To be able to define and present the reason behind the development of a project
To be able to define and present the formal decisions to take before the development of a project
To be able to analyse the different aspects of a project
To have used a variety of project planning techniques
To be able to articulate key steps in project implementation
To be able to define and use control indicators and reports

Study load

| Total learning time: 45h | Hours large group: | 45h | 100.00% |
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<td>Guided activities: 6h</td>
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<td>Self study: 20h</td>
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<td>Related activities:</td>
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<tr>
<td>Definition of the main elements of the project of the course.</td>
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<th>BLOCK 2. BUSINESS CASE AND PROJECT CHARTER</th>
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<td>Related activities:</td>
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<td>Development in project of the course of the elements presented in the block 2 of the content.</td>
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<th>BLOCK 3. MANAGING AND EXECUTING PROJECTS</th>
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<td>Description:</td>
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<td>Development in project of the course of the elements presented in the block 3 of the content.</td>
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**BLOCK 4. MONITORING, CONTROLLING AND CLOSING PROJECTS**

**Learning time:** 32h  
- Practical classes: 4h  
- Guided activities: 8h  
- Self study: 20h

**Description:**

**Related activities:**
Development in project of the course of the elements presented in the block 4 of the content.

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**Qualification system**

Continuous assessment, the final mark will come from the deliverables.

Final mark = 0.25 * deliverables block 1 + 0.25 * deliverables block 2 + 0.25 * deliverables block 3 + 0.25 * deliverables block 4

**Bibliography**

**Basic:**

