280715 - Advanced Ship's Manoeuvring

Coordinating unit: 280 - FNB - Barcelona School of Nautical Studies
Teaching unit: 742 - CEN - Department of Nautical Sciences and Engineering
Academic year: 2016
Degree: MASTER'S DEGREE IN NAUTICAL SCIENCE AND MARITIME TRANSPORT MANAGEMENT (Syllabus 2016). (Teaching unit Compulsory)
ECTS credits: 5
Teaching languages: Catalan

Teaching staff

Coordinator: AGUSTIN MARTIN MALLOFRE
Others: Primer quadrimestre: AGUSTIN MARTIN MALLOFRE

Opening hours

Timetable: Monday from 1800 to 1900

Requirements

Have the Degree approved

Degree competences to which the subject contributes

Specific:
CE8MENTM. Develop plans and manage maneuver (docking / undocking, anchoring, navigation channels and narrow steps, entrance to dock, etc.) in all ship types.

Generical:
CG2MENTM. Apply general knowledge of the structure and behavior in the Sea ship.
CG3MENTM. Manage and exercise control the direction of the ship.

Transversal:
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.

Teaching methodology

MD1. Lectures
MD2. Participative lecturers
MD3. Cooperative learning
MD4. Autonomous learning by means of the resolution of exercises
MD5. Learning based in problems/projects

Learning objectives of the subject

Basing us in the Manoeuvre applied given during the Degree, treats to apply the practical knowledges of the manoeuvre in different types of vessels and scenario.
For this the student has to acquire some basic knowledges and be able to analyse the behaviour of the vessel in different situations.

One objective of this course is to impart the knowledge, understanding and proficiency competency "maneuver and handle a ship in all conditions "necessary competencies defined in Section A-II/2 (minimum requirements applicable to the degree of captains and first officers bridge boat d'arqueig dirty or above 500 GT) of the International Convention on Standards of training, Certification and Watchkeeping for Seafarers (STCW). This competency will be assessed by the simulator, which is evaluated by simulation according to the STCW Code.

### Study load

| Total learning time: 45h | Theory classes: 45h | 100.00% |
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### Content

<table>
<thead>
<tr>
<th>CHAPTER 1 PRINCIPLES OF MANOEUVRE</th>
<th>Learning time: 40h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Theory classes: 15h</td>
</tr>
<tr>
<td>REVIEW OF BASIC PRINCIPLES OF MANEUVER</td>
<td>Self study : 25h</td>
</tr>
<tr>
<td>STANDARD MANOEUVRING</td>
<td></td>
</tr>
<tr>
<td>EFFECTS OF WIND AND THE CURRENT</td>
<td></td>
</tr>
<tr>
<td>SHALLOW WATERS</td>
<td></td>
</tr>
<tr>
<td>PLANNING MANEUVER</td>
<td></td>
</tr>
<tr>
<td>ATRAC I DESATRAC</td>
<td></td>
</tr>
<tr>
<td>MOORING AND ANCHORING</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHAPTER 2 EMERGENCY MANOEUVRE</th>
<th>Learning time: 40h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Theory classes: 15h</td>
</tr>
<tr>
<td>ANALYSIS OF DIFFERENT EMERGENCY IN WHICH CAN BE FOUND A SHIP DURING THE MANOEUVRE OPERATION</td>
<td>Self study : 25h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHAPTER 3 DYNAMIC POSITIONING SYSTEM (DP)</th>
<th>Learning time: 45h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Theory classes: 15h</td>
</tr>
<tr>
<td>SYSTEM FUNCTIONS AND PRINCIPLES DP</td>
<td>Self study : 30h</td>
</tr>
<tr>
<td>DIFFERENT TYPES OF SHIPS AND DP DP OPERATIONS</td>
<td></td>
</tr>
<tr>
<td>INTRODUCTION TO REFERENCE SYSTEMS DP</td>
<td></td>
</tr>
<tr>
<td>USES OF DP SYSTEM</td>
<td></td>
</tr>
<tr>
<td>DP MANOEUVRES</td>
<td></td>
</tr>
</tbody>
</table>

### Qualification system

The final score is the sum of the partial grades:

\[
N_{\text{final}} = 0.5 \cdot N_f + 0.3 \cdot N_{pp} + 0.2 \cdot N_{ec}
\]

\(N_f\): Final score
\(N_{pp}\): Final score Calificación prueba inicial
\(N_{ec}\): Calificación prueba parcial
\(N_{ec}\): Calificación de los ejercicios realizados durante el curso (evaluación continua)
Regulations for carrying out activities

Is compulsory to realise the examens final and partial
Is compulsory to realise the practices and deliver the works proposed

Bibliography

Basic:


Complementary: