280721 - Avanced on Board Electronic Systems

Coordinating unit: 280 - FNB - Barcelona School of Nautical Studies
Teaching unit: 710 - EEL - Department of Electronic Engineering
Academic year: 2019
Degree: MASTER'S DEGREE IN THE MANAGEMENT AND OPERATION OF MARINE ENERGY FACILITIES (Syllabus 2016). (Teaching unit Compulsory)
ECTS credits: 5 Teaching languages: Catalan

Learning objectives of the subject

- To train students could practice the profession according eels requirements of the applicable regulations
- Learn the rules of corporate regulation
- Apply the boat Electronics Skills to:
  - Maintenance
  - Detection of faults
  - Calibration System board
  - Understand security systems
This course will evaluate the following STCW competences:
- Manage operation of electrical and electronic control equipment
- Manage operation of electrical and electronic control equipment
- Manage trouble?shooting, restoration of electrical and electronic control equipment to operating condition

Prior skills
Electronics knowledge

Requirements
Having knowledge of the subject Naval Electronics 280647

Teaching methodology
To pass the course must pass a final examination of theory and practice

Study load

<table>
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<tr>
<th>Total learning time: 45h</th>
<th>Hours large group:</th>
<th>45h</th>
<th>100.00%</th>
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Content

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<th>Ship Electronic Systems</th>
<th>Learning time: 2h</th>
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<td>Laboratory classes: 2h</td>
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| Description: |
| Apply basic electronics in a boat, to maintain, calibration and repair of electronic equipment |

Qualification system

The final score is: 70% NT + 30% NP, where NT is the theory grade and NP is the practices

Bibliography

Basic:


Others resources:

Laboratory of Electronics and ship Faculty