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: 2018
Degree: MASTER’S DEGREE IN THE MANAGEMENT AND OPERATION OF MARINE ENERGY FACILITIES (Syllabus 2016). (Teaching unit Compulsory)
ECTS credits: 5  Teaching languages: Catalan

Teaching staff
Coordinator: PAU GARCIES SALVA

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

Learning objectives of the subject
objectives:
* 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

Study load

| Total learning time: 45h | Hours large group: | 45h | 100.00% |
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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