SUBJECT TEACHING GUIDE

G1095 - Practical Training at Sea III

Degree in Marine Engineering

Academic year 2017-2018

1. IDENTIFYING DATA					
Degree	Degree in Marine Engineering			Type and Year	Optional. Year 4
Faculty	School of Maritime Engineering				
Discipline					
Course unit title and code	G1095 - Practical Training at Sea III				
Number of ECTS credits allocated	6	Term		Semester based (1)	
Web					
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. CIENCIAS Y TECNICAS DE LA NAVEGACION Y DE LA CONSTRUCCION NAVAL
Name of lecturer	MANUEL A. GIRON PORTILLA
E-mail	manuel.giron@unican.es
Office	E.T.S. de Náutica. Planta: + 2. DESPACHO (222)
Other lecturers	

3.1 LEARNING OUTCOMES

- Know how to solve problems in activities as Engine Cadet in accordance with the requirements of section A -III / 1 of the STCW code

4. OBJECTIVES

Maintain a safe engineering watch

Thorough knowledge of Principles to be observed in keeping an engineering watch, including:
.1 duties associated with taking over and accepting a watch
.2 routine duties undertaken during a watch
.3 maintenance of the machinery space logs and the significance of the readings taken
.4 duties associated with handing over a watch

Safety and emergency procedures; change-over of remote/automatic to local control of all systems

Engine-room resource management
Knowledge of engine-room resource management principles, including:
.1 allocation, assignment, and prioritization of resources
.2 effective communication
.3 assertiveness and leadership
.4 obtaining and maintaining situational awareness
.5 consideration of team experience

6. COURSE ORGANIZATION

	CONTENTS
1	Analyze, understand and complete the training record book as required by section 1. The practical activity will be carried on board the ship.
2	Draw up records to set task lists (basic safety training, additional training, seagoing service, supervision of the tutor on board, monthly reviews, list of publications, videos or computer-based systems used and a summary of tasks performed during the seagoing training). The practical activity will be carried on board the ship.
3	To analyze the ship's particulars. The practical activity will be carried on board the ship.
4	Analyze and explain the basic mandatory familiarization: Development of specific tasks, devices, facilities, equipment, and relevant procedures to normal and survival situations. Responsibilities of the shipping companies. The practical activity will be carried on board the ship.
5	Present and explain lists of training and the acquired skills: Marine engineering at the operational level. Electrical, electronic and control engineering at the operational level. Maintenance and repairs at the operational level. The practical activity will be carried on board the ship.

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Carrying out activities on board the ship that will be monitored through the virtual campus	Activity evaluation with Virtual Media	Yes	Yes	20,00
On board training record book	Work	Yes	No	50,00
Oral exam	Oral Exam	Yes	Yes	30,00
TOTAL				100,00

Observations

The oral test will focus on the content of the on board training book and the activities carried out on board the vessel.
All the lecturers of the 'Practical Training at Sea' subjects will be present on this tests.

Observations for part-time students

8. BIBLIOGRAPHY AND TEACHING MATERIALS
BASIC
Cursos modelos 7.04: Oficial a cargo de la Guardia de Máquinas. Organización Marítima Internacional. Reino Unido. (2004).
International Convention for the Prevention of Pollution from Ships (MARPOL)
International Convention for the Safety of Life at Sea (SOLAS)