

Course Description Form

Basic Course Specifications				
Course Title	: Practical Safety & Environmental Protection			
Course Code	: TI 318			
Program on which the course is given	: <input checked="" type="checkbox"/> Bachelor	: <input type="checkbox"/> Diploma	: <input type="checkbox"/> Master	: <input type="checkbox"/> Pre- PhD
Academic year	: 2015/2016			
Specialization (units of study)	: Application : 180 Hr Credit :3H			
Pre-Requisites	: S 305			
Overall Course Objectives				
<p>Meet the mandatory minimum requirements for knowledge, understanding and proficiency of seamanship techniques in accordance with the new amended of STCW 78 and IMO model course (Officer in charge of a navigational watch) According to STCW 1978 as amended in addition to IMO model course 7.03.</p>				
Intended Learning Outcomes				
Knowledge and Understanding				
<p>At the end of the course the students will be able to:</p> <ul style="list-style-type: none"> a.1 The ability and skills of maintaining a safety duty on board ship a.2 The sense, skills first aid on board ship a.3 The basic principles to respond to emergency on board ships a.4 The ability of preventing pollution a.5 Improve the safety scales on board ship 				
Intellectual Skills				
<p>At the end of the course, students should be able to</p> <ul style="list-style-type: none"> b.1 Locate LSA ,life boat. Life raft b.2 Locate firefighting equipment. b.3 operate fixed fire system b.4 establish Muster list 				
Professional and Practical skills				
<p>At the end of the course, students should be able to:</p> <ul style="list-style-type: none"> c.1 deal with equipment of LAS (life boat and life raft) c.2 Realize the importance of marine environment c.3 understand how the ships handling the garbage. c.4 how to Response to Emergencies various situation 				
General and Transferable skills				
<p>At the end of the course, students should be able to:</p> <ul style="list-style-type: none"> d.1 Requirements of Pollution-Prevention d.2 Apply medical first aid on board ship d.3 respond to emergency . d.4 Deal with lifting equipment 				

Course content					
Lect. #	Topic	Hrs #	Theoretical	Practical	
1	Locate LSA ,life boat arrangement and life rafts	9		9	
2	Locate fire fighting equipment alarm activating point alarm bells extinguishers hydrants fire axes and hoses	9		9	
3	Recognition of alarm signal for fire & emergency & abandon ship (IMO Model Course 1.23)	9		9	
4	Locate Co2 bottle	9		9	
5	Muster list	9		9	
6	Life boat equipment	9		9	
7	Assessment	9		9	
8	Practical boat drill	9		9	
9	Practical fire drill	9		9	
10	Understand safety information symbols signs signal	9		9	
11	Use of fire protective equipment FE	9		9	
12	Assessment	9		9	
13	The procedure for handling the garbage	9		9	
14	Contribute to safety of personnel and ship(IMO Model Courses 1.13, 1.19, 1.20 and121)	9		9	
15	Contingency Plans for Response to Emergencies	9		9	
16	Contingency Plans for Response to Emergencies	9		9	
17	Ensure Compliance with Pollution-Prevention Requirements	9		9	
18	Apply medical first aid on board ship(IMO Model Course 1.14)	9		9	
19	Field trip	9		9	
20	Final Assessment	9		9	

Practical Work , Group Work , Individual Study and Problem Study				
Facilities required for Teaching & learning methods				
<input type="checkbox"/> Computer Lab	<input type="checkbox"/> Overhead Slide	<input type="checkbox"/> Guided Sea Training work Book	<input type="checkbox"/> Charts & publications	<input type="checkbox"/> Bridge instruments
Students Assessment Methods				
Assessment submission Schedule				
Assessment#1: Direct observation of work activities			Continuous	
Assessment#2: Skills and competency tests			Post voyage 4	
Assessment#3 : practical examination			During Final Training voyage	

Grading Method		
Attendance	<input type="checkbox"/>	
Practical watch evaluation	<input checked="" type="checkbox"/>	Continuous 30 Marks
Presentations	<input type="checkbox"/>	
Practical Assignments	<input checked="" type="checkbox"/>	20 Marks
Projects	<input type="checkbox"/>	
Participation	<input type="checkbox"/>	
Oral Examination	<input checked="" type="checkbox"/>	10 Marks
Final Examination	<input checked="" type="checkbox"/>	40 Marks
		Total 100%
*Assessment criteria shall meet the standards of the STCW 78 convention "as amended"; and in the light of the related IMO model courses		

List of References	
Course Notes	
Description :	<ul style="list-style-type: none"> • Guided Sea Training Book (Part 1)
Essential Books	
Description :	<ul style="list-style-type: none"> • Seamanship techniques (third edition) • Ship handling (theory and practice) • training manual • Ship's logbook • SOPEP manual and equipment
IMO	
Description :	<ul style="list-style-type: none"> • STCW,1978, as amended(ISBN 978-92-801-1528-4) • International Convention for the Safety of Life at Sea (SOLAS), as amended Consolidated Edition, 2009
Periodicals and publications	
Description :	<ul style="list-style-type: none"> • SOLAS – MARPOL
Others (websites, e-books...etc)	
Description :	<ul style="list-style-type: none"> • International convention on standers of training. Certification and watch keeping for seafarers (STCW), with amendment

