

## Seamanship Principles

Basic Course Specification					
Course Title	Course Code	Program on which the course is given			
Seamanship Principles	BS 111	Bachelor			
Academic Year	Specialization (units of study)	Pre-Requisites			
2020-2021	Theoretical (1 hrs/week) Application (3 hrs/week) Credit 2 Cr	None			
Overall Course Objectives					
<p>On Completion of the course, students should satisfactory competent with the basic principles of information &amp; awareness of the principles of seamanship for cadets and provide the student with the ability &amp; skills for the application of the main items of the practical seamanship. The course also provides The Background Knowledge to Support: Types &amp; Parts of ships –Parts of derricks – Anchor &amp; Cable – Load Line marks &amp; Draft – Ship’s Maintenance – Ship’s Handling &amp; Steering orderas per the requirement of the STCW 78 convention as amended and its Code - chapter II section and Table A-II/1 and in the light of IMO model course 7.03.</p>					
Course Learning Outcomes. By successful completion of the course each student will be able to:					
Topic	Linking to PLOs	Midterm Assessment	12 <sup>th</sup> Week Assessment	Class Activities	Final Exam
1. Be familiar with various types and parts of ship and understand different aspects in ships repair.	a	√	√		
2. Explain the manning flowchart and the responsibility of different ranks on board.	a	√	√	√	√
3. Demonstrate knowledge of types of mooring ropes and anchor terminologies	a&d	√			√
4. Understand the load lines and Plimsol mark importance and demonstrate knowledge in various aspects of seamanship	a			√	√
5. Apply hand steering	a	√			√
6. Apply different splices and the proper knots for the proper tool, the use of cargo gears and pilot ladder.	a		√		√
Course Content					
Lec./ Week #	Topic	Hrs. #	Theoretical	Application	
1	The main types of ships	4	1	3	
2	Steering helm orders	4	1	3	
3	Manning of Merchant ships	4	1	3	
4	Main parts of ship	4	1	3	
5	Main parts of ship	4	1	3	
6	Mooring ropes	4	1	3	
7	<b>7<sup>th</sup> Week Exam</b>	4	<b>1</b>	<b>3</b>	
8	Ship’s maintenance	4	1	3	

9	Ropes & it's usage	4	1	3
10	Types of anchors and cable	4	1	3
11	Load line & Draught	4	1	3
12	Duties of officer of the watch (O.O.W.) and Assessment	4	1	3
13	Pilot ladder	4	1	3
14	Blocks, tackles and derricks	4	1	3
15	Cargo gears	4	1	3
16	<b>Final Assessment</b>			
<b>Total</b>		<b>60</b>	<b>15</b>	<b>45</b>
<b>Teaching &amp; Learning Methods</b>		<b>Facilities Required for Teaching &amp; Learning Methods</b>		
Explaining and demonstrating the lesson contents – Delivery of experience - discussing and asking questions to interact with students – solving examples.		<ul style="list-style-type: none"> <li>White Board &amp; Data Show</li> </ul>		
<b>Students Assessment Methods</b>				
<b>Assessment Schedule</b>				
Assessment#1		Week 7		
Assessment#2		Week 12		
Assessment#3		Week 16		
<b>Grading Method</b>				
7th Week Assessment	Written exam	<b>30%</b>		
12 <sup>th</sup> week Assessment	Written exam	<b>20%</b>		
Class Activities	Participation – Quiz	<b>10%</b>		
Final Exam	Written exam	<b>40%</b>		
<b>Total</b>		<b>100 %</b>		
<b>Assessment criteria shall meet the standards of the STCW 78 convention "as amended"; and in the light of the related IMO model courses.</b>				
<b>Staff Requirements</b>				
Master FG/ Ph.D.				
<b>List of References</b>				
<b>Course Notes</b>		<b>Essential Books</b>		
None		D.J. House, Seamanship Technique. 3rd Ed.2017 London, Heinemann ISBN9781138676114		
<b>Recommended Books</b>		<b>Periodicals and Publications</b>		
None		None		
<b>Others (websites, e-books...etc)</b>				
None				

<b>Accreditation Bodies</b>
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- \*Egyptian Authority for Maritime Safety (EAMS)
- \*European Commission (EC)
- \*ISO (9001 – 2015) DNV-GL\*
- \*Central Evaluation and Accreditation Agency Hanover, Germany (ZEVA)
- \*Ministry of Education (KSA)
- Ministry of Higher Education (Greece)\*
- \*Ministry of Higher Education (Oman)
- \*Commission for Academic Accreditation (CAA), Ministry of higher Education (UAE)
- \*University of Plymouth, United Kingdom (dual degree)

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