



Course Description

Institute: Maritime Postgraduate Studies Institute

Program: Masters in Maritime Transport Technology

1- Course Data		
Course Code: MPI 760	Course Title: Maritime Safety Administration	Academic: 3 CHs.
Specialization: Ship Operation and Marine Safety	No. of Instructional Units: 13	Course Status: Core

2- Course Aim	To gain a broad but thorough knowledge of Maritime Administration roles in maritime safety implementation and marine environment protection. Also, to acquire a comprehensive skills in handling Maritime Administration work on seafarer's qualifications and shipping companies flying its flag.
3- Intended Learning Outcome:	
a- Knowledge and Understanding, students will be able to:	<ol style="list-style-type: none"> 1. Determine and classify the various enforcement tools of Maritime Administrations based on UNCLOS convention; 2. Recognize different IMO tools and instrument to achieve safety, environment protection and security at sea. 3. Fully understand the mechanism of adopting accepting and entry into force of IMO instruments. 4. Acquired and understand proper knowledge on the international regime of the PSC as a last safety net and its impact on the maritime safety system, 5. Recognize maritime Administration organizational structure and its functions. 6. Recognize the role of Maritime Administration in maintaining and improving safety of navigation; and 7. Understand responsibilities and role of maritime administration in controlling and improving marine human resources. 8. Understand the role of Maritime Administration in protecting marine pollution and sufficiently implement



	<p>national and international standards.</p> <ol style="list-style-type: none"> 9. Recognize the importance of controlling exclusive economic zones and role of coastal state in applying its jurisdiction on its territorial and economic zones. 10. Identify the role of maritime Administration in controlling national fisheries industry. 11. Understand the role of maritime Administration in controlling inland waterways.
b- Intellectual Skills, students will be able to:	<ol style="list-style-type: none"> 1. Identify and critically analyze issues involved in Maritime safety implementation role to prevent potential maritime hazards and accidents; 2. Interpret and analyze the various standards in the IMO conventions as important legislative tools to the work of maritime administration; and 3. Identify the transparency of the port state control MOU's reporting systems.
c- Professional Skills, students will be able to:	<ol style="list-style-type: none"> 1. Gain successful Tips and Tricks of Maritime administration control officers and relevant legal enforcement action; 2. Demonstrate ability to research and access information on maritime safety & environmental administration; 3. Demonstrate ability to think critically and to justify ideas in a reasoned manner and communicate effectively, in speaking and writing, on matters concerning ship safety and security management. 4. Demonstrate ability to report, analyze and fill professionally various surveying / inspection reports and learn various relevant reporting techniques.
d- General Skills, students will be able to:	Identify basic concepts of interviewing, investigating and other communication skills required in different MA control officers before boarding ships
4- Course Content	<p>Week No.1: Introduction, Maritime Safety implementation</p> <p>Week No.2: How does the IMO work?</p> <p>Week No.3: Enforcement tools of Maritime Administrations based on UNCLOS</p> <p>Week No.4: Maritime Administration</p>



	<p>(organizational structure & functions)</p> <p>Week No.5: Ship registries, ship registration applications, ship documentations and crew qualifications</p> <p>Week No.6: Safety of Navigation</p> <p>Week No.7: 7th week evaluation - Inland water safety of navigation</p> <p>Week No.8: Maritime Safety and pollution prevention implementation</p> <p>Week No.9: Marine environment protection</p> <p>Week No.10: Fishery and Exclusive Economic Zone (EEZ)</p> <p>Week No.11: Marine human resources management</p> <p>Week No.12: Evaluation: Field Trip</p> <p>Week No.13: Port State Control</p> <p>Week No.14: Coastal State Jurisdiction</p> <p>Week No.15: Security implementation management</p> <p>Week No.16: Final Evaluation</p>
5- Teaching and Learning Methods	A mixture of lectures, tutorials, exercises and case studies are used to deliver various topics in this subject, some of which are covered in a problem-based format, thereby enhancing the learning objectives. Other are covered through direct study in order to enhance the students' ability of "learning to learn"
6- Teaching and Learning Methods for Students with Special Needs	A mixture of lectures, tutorials, exercises and case studies are used to deliver various topics in this subject, some of which are covered in a problem-based format, thereby enhancing the learning objectives by using Office Hours and Additional Follow up.
7- Student Assessment:	
a- Procedures used:	<ol style="list-style-type: none"> 1. Participation 2. Assignments 3. Presentation 4. Written exam 5. Oral exam 6. workshop
b- Schedule:	<p>Assessment(1) Mid</p> <p>Assessment(2) 12th</p> <p>Assessment(4) 16th</p>
c- Weighing of Assessment:	<p>7th Week Examination: 30 marks</p> <p>12th Week Examination: 20 marks</p>



	<p>Oral seminar exam: 10 mark</p> <p>Final-term Evaluation: 40 marks</p> <p>Total 100%</p>
8- List of References:	<p>- Zwinge, Tamo (2011) "Duties of Flag States to Implement and Enforce International Standards and Regulations - And Measures to Counter Their Failure to Do So," Journal of International Business and Law: Vol. 10: Iss. 2, Article 5</p> <p>- Maritime safety implementation material</p>
a- Course Notes	<ul style="list-style-type: none"> • Hand out • Lectures` Power Point Presentation
b- Required Books (Textbooks)	<p>Captain Hartmut G. Hesse, 2015 "IMO INSTRUMENTS IMPLEMENTATION CODE - The Triple "I" Code, presentation, TRACECA-ORG . Last cited on: http://www.traceca-org.org/fileadmin/fm-dam/TAREP/68ta/1/III-Baku.pdf</p>
c- Recommended Books	<p>John N.K, Mansell, 2009. " Flag State Responsibility- Historical development and contemporary Issues", Australian National Center for ocean resources and security. Springer, NSW 2522. Australia. Last cited on: https://books.google.com.eg/books?id=JWdsgKxvmeUC&printsec=frontcover#v=onepage&q&f=falseJohn</p>
d- Periodicals, Web Sites, ..., etc.	www.imo.org

Vice Dean for Educational Affairs
Name & Signature:
Date: 13/2/2016

Institute Dean
Name & Signature:
Date: 13/2/2016