



Course Description

Institute: Maritime Postgraduate Studies

Program: Masters

1- Course Data		
Course Code: MPI 724	Course Title: Ship Surveying	Academic: 3 CHs.
Specialization: Ship Operation and Marine Safety	No. of Instructional Units; 13	Course Status: Core

2- Course Aim	This course aims to familiarize with types and natures of surveys for various types of ships
3- Intended Learning Outcome:	
a- Knowledge and Understanding, students will be able to:	<ol style="list-style-type: none"> 1. Explain the function and types of survey 2. Understand contents of certificate forms and documents for all types of ship 3. Understand contents of Classification Societies Certificates and documents 4. Appraise the different types of surveys under IMO conventions and treaties
b- Intellectual Skills, students will be able to:	<ol style="list-style-type: none"> 1. Clearly identify the purpose and main objectives of marine surveying 2. Intellectually determine the tricks and methods to avoid detentions
c- Professional Skills, students will be able to:	<ol style="list-style-type: none"> 1. Explain procedures of certification and documents inspection 2. Describe the equipment used for inspection of ship's hull 3. Understand classification special surveys 4. Indicate
d- General Skills, students will be able to:	<ol style="list-style-type: none"> 1. Identify relation and interaction between administration and classification societies 2. Identify reporting of different types of survey 3. Understand prototype surveys Cross surveys
4- Course Content	<p>Week No.1 Introduction to Surveying</p> <p>Week No.2 Official Certificates and documents for all ships</p> <p>Week No.3 Classification Societies Certificates and documents</p> <p>Week No.4 Surveying under SOLAS convention</p> <p>Week No.5 Surveying under SOLAS convention (continued)</p>



	<p>Week No.6 Surveying under MARPOL convention</p> <p>Week No. 7 7th week evaluation</p> <p>Week No.8 Surveying under Load Line convention</p> <p>Week No.9 Survey under TONNAGE convention</p> <p>Week No.10 Surveying under COLREG convention</p> <p>Week No.11 Classification special surveys</p> <p>Week No.12 12th week evaluation: Field Trip</p> <p>Week No.13 prototype surveys</p> <p>Week No.14 Cross surveys</p> <p>Week No.15 Survey delegation contract</p> <p>Week No.16 Final Assessment</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 office Hours, 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 Report Writing: 40 marks</p> <p>Total 100%</p>
8- List of References:	IMO, International conventions and treaties



a- Course Notes	<ul style="list-style-type: none"> • MPI Ship`s Surveying material • lectures Power Point Presentation
b- Required Books (Textbooks)	SKULD, 2009. "An Introduction to P&I insurance for mariners ",SKULD North America Inc. Last cited on: https://docs.google.com/file/d/0B7qSY6KPZGtVa3FvaV9lNTRouJA/edit?pref=2&pli=1
c- Recommended Books	Ship`s Surveying material
d- Periodicals, Web Sites, ..., etc.	DNV- GL

Vice Dean for Educational Affairs
Name & Signature:
Date: 16/6/2015

Institute Dean
Name & Signature:
Date: 16/6/2015