



Course Description

Institute: Maritime Postgraduate Studies Institute

Program: Masters in Maritime Transport Technology

1- Course Data		
Course Code: MPI 728	Course Title: Research Methodology	Academic: 3 CHs
Specialization: Ship Operation and Marine Safety	No. of Instructional Units: 13	Course Status; Core

2- Course Aim	This course aims at enabling students to Master fundamentals and methods of research in order to produce their thesis in accordance to the academic final degree research requirements.
3- Intended Learning Outcome:	
a- Knowledge and Understanding, students will be able to:	<ol style="list-style-type: none"> 1. Understanding the Meanings & Ethics of Research Methodology 2. Determining the Research title Terms 3. Determining the Research Abstract terms and problem 4. Determining the Research Goals and Terminologies
b- Intellectual Skills, students will be able to:	<ol style="list-style-type: none"> 5. Obtaining of hypothesis and variables 6. Determining the population sample 7. Understanding the Research Procedures and references
c- Professional Skills, students will be able to:	<ol style="list-style-type: none"> 8. Understanding the Theoretical studies and methods of presentation 9. Determining the Previous Studies and comments 10. Understanding the Draft Design and descriptive design
d- General Skills, students will be able to:	<ol style="list-style-type: none"> 11. Ability to organize Data presentation (tables, diagrams and Charts) 12. Ability for Academic Research writing technique 13. Ability to implement Research Methodology application
4- Course Content	Week No.1 Introduction to Research Methodology (Meanings & Ethics) Week No.2 Research title Terms



	<p>Week No.3 Research Abstract terms and problem</p> <p>Week No.4 Research Goals and Terminologies</p> <p>Week No.5 Definitions of hypothesis and variables</p> <p>Week No.6 Research Methodology and population sample</p> <p>Week No.7 Assessment</p> <p>Week No.8 Research Procedures and references</p> <p>Week No.9 Theoretical studies and methods of presentation</p> <p>Week No.10 Previous Studies and comments</p> <p>Week No.11 Draft Design and descriptive design</p> <p>Week No.12 Data presentation (tables, diagrams and Charts)</p> <p>Week No.13 Academic Research writing technique</p> <p>Week No.14 Research Methodology application</p> <p>Week No.15 Research Methodology application</p> <p>Week No. 16 Final Exam</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) 7th</p> <p>Assessment (2) 12th</p> <p>Assessment (3) 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>



	Final-term Report Writing: 40 marks Total 100%
8- List of References:	C.R Kolhari, 2004. " Research Methodology- Methods and Techniques". New Age International Publishers. Last viewed on the following web address; http://www2.hcmuaf.edu.vn/data/quoctuan/Research%20Methodology%20-%20Methods%20and%20Techniques%202004.pdf
a- Course Notes	Hand outs and power point presentations
b- Required Books (Textbooks)	Ranjit Kumar, 2014. "RESEARCH METHODOLOGY, a step-by-step guide for beginners". SAGE, third edition. Last viewed on the following web address; http://www.sociology.kpi.ua/wp-content/uploads/2014/06/Ranjit_Kumar-Research_Methodology_A_Step-by-Step_G.pdf
c- Recommended Books	Yogesh Kumar Singh, 2006. "FUNDAMENTAL of RESEARCH METHODOLOGY and STATISTICS". New age international (p) limited, publishers. Last viewed on the following web address: http://www.aast.edu/papers/staffcourses/7_24575_BIS956_2014_1_2_2_8122418864%20Fundamental_of_Research.pdf
d- Periodicals, Web Sites, ..., etc.	

Vice Dean for Educational Affairs
Name & Signature:
Date: 22/4/2015

Institute Dean
Name & Signature:
Date: 22/4/2015