



## Course Description

**Institute:** Maritime Postgraduate Studies Institute

**Program:** Masters in Maritime Transport Technology

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

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



	<p><b>Week No.3</b> Research Abstract terms and problem</p> <p><b>Week No.4</b> Research Goals and Terminologies</p> <p><b>Week No.5</b> Definitions of hypothesis and variables</p> <p><b>Week No.6</b> Research Methodology and population sample</p> <p><b>Week No.7</b> Assessment</p> <p><b>Week No.8</b> Research Procedures and references</p> <p><b>Week No.9</b> Theoretical studies and methods of presentation</p> <p><b>Week No.10</b> Previous Studies and comments</p> <p><b>Week No.11</b> Draft Design and descriptive design</p> <p><b>Week No.12</b> Data presentation (tables, diagrams and Charts)</p> <p><b>Week No.13</b> Academic Research writing technique</p> <p><b>Week No.14</b> Research Methodology application</p> <p><b>Week No.15</b> Research Methodology application</p> <p><b>Week No. 16</b> Final Exam</p>
<b>5- Teaching and Learning Methods</b>	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"
<b>6- Teaching and Learning Methods for Students with Special Needs</b>	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.
<b>7- Student Assessment:</b>	
<b>a- Procedures used:</b>	<ol style="list-style-type: none"> <li>1. Participation</li> <li>2. Assignments</li> <li>3. Presentation</li> <li>4. Written exam</li> <li>5. Oral exam</li> <li>6. workshop</li> </ol>
<b>b- Schedule:</b>	<p>Assessment (1) 7th</p> <p>Assessment (2) 12th</p> <p>Assessment (3) 16th.</p>
<b>c- Weighing of Assessment:</b>	<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%
<b>8- List of References:</b>	C.R Kolhari, 2004. " Research Methodology- Methods and Techniques". New Age International Publishers. Last viewed on the following web address; <a href="http://www2.hcmuaf.edu.vn/data/quoctuan/Research%20Methodology%20-%20Methods%20and%20Techniques%202004.pdf">http://www2.hcmuaf.edu.vn/data/quoctuan/Research%20Methodology%20-%20Methods%20and%20Techniques%202004.pdf</a>
<b>a- Course Notes</b>	Hand outs and power point presentations
<b>b- Required Books (Textbooks)</b>	Ranjit Kumar, 2014. "RESEARCH METHODOLOGY, a step-by-step guide for beginners". SAGE, third edition. Last viewed on the following web address; <a href="http://www.sociology.kpi.ua/wp-content/uploads/2014/06/Ranjit_Kumar-Research_Methodology_A_Step-by-Step_G.pdf">http://www.sociology.kpi.ua/wp-content/uploads/2014/06/Ranjit_Kumar-Research_Methodology_A_Step-by-Step_G.pdf</a>
<b>c- Recommended Books</b>	Yogesh Kumar Singh, 2006. "FUNDAMENTAL of RESEARCH METHODOLOGY and STATISTICS". New age international (p) limited, publishers. Last viewed on the following web address: <a href="http://www.aast.edu/papers/staffcourses/7_24575_BIS956_2014_1_2_2_8122418864%20Fundamental_of_Research.pdf">http://www.aast.edu/papers/staffcourses/7_24575_BIS956_2014_1_2_2_8122418864%20Fundamental_of_Research.pdf</a>
<b>d- Periodicals, Web Sites, ..., etc.</b>	

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

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