

**Course Name:** Law of the Sea and Ship Operation-LOB 30603

**Number of Credits:** 3 credits (5 ECTS)

**Period:** January/July Semester

Coordinator	Ms. Rasidah Shafiee
Credits	3 (5 ECTS)
Lecturers	1. Associate Professor. Ts. Dr. Aminuddin Md Arof 2. Ts. Amayrol Zakaria
Level	Bachelor
Host institution	Universiti Kuala Lumpur –Malaysian Institute of Marine Engineering Technology (UniKL-MIMET)
Course duration	17 weeks
New/revised	Revised

### Summary

This 3-credit (4 ECTS) course is offered as a core subject to the Bachelor of Maritime Operations (BMO) programme to expose students to basic regulations that govern ship operations and the protection of marine environment. This course emphasizes on regulations imposed for both ship owners and ship managers on the acquisition and operation of ships registered with the Malaysian government and their operations in various maritime zones that include foreign and international waters.

### Target student audiences

Bachelor students majoring in Maritime operations.

Year 3, Semester 5

### Prerequisites

None.

### Aims and objectives.

The main course objective is to expose participants on the regulations imposed on ship owners and ship managers on the acquisition and operation of ships registered with the Malaysian government or those operated in Malaysian waters. In addition, students will be imparted with knowledge on the Law of the Sea as it is imperative for those involved in ships operations to abide by the United Nations Law of the Sea Convention. Knowledge gained from this course will provide a good foundation for ships to be operated smoothly and safely and will prevent ship owners and operators that have taken due consideration of the legal requirements from any serious setbacks. Safe operations of shipping activities also ensures the protection of the surrounding marine environment.

### The Authentic Tasks are:

#### General learning outcomes:

By the end of the course, successful students:

- Knowledge - will be able to identify the national maritime legislation and authority with respect of shipping operation.
- Comprehensive - will be able to explain the process of ship registration and licensing.

- Application - will demonstrate the ability to apply the mandatory requirements for Masters and seamen.
- Analysis - will be able to analyze whether a passage is innocent or otherwise
- Synthesis - will demonstrate the ability to evaluate the rights of coastal states and user states in the maritime zones, which include the protection of marine environment..

### Overview of sessions and teaching methods

Teaching and learning will be via blended learning that include F2F interactions and interactive virtual classes through the use of online platform designed to support the implementation of an innovative interactive learning approach. The online platform (UniKL VLE and MS-TEAMS) will also serve as a virtual space for students to interact with each other. Collaborative learning, and group discussions will also be done using the blended mode.. Students are required to do self-learning based on given topics in preparation for continuous and final assessments. Students will be assessed through written tests, individual and group assignments, and final examination.

<b>Learning methods</b>	<ul style="list-style-type: none"> <li>- Online lectures and presentations</li> <li>- Moderated in-class discussions.</li> <li>- Group work</li> <li>- Case study</li> </ul>	
<b>Course outline</b>	Week 1-4	<ol style="list-style-type: none"> <li><b>1. INTRODUCTION TO MERCHANT SHIPPING ORDINANCE (MSO)</b> <ol style="list-style-type: none"> <li>1.1 General description of M. S.O.</li> <li>1.2 Origin of Merchant Shipping Ordinance.</li> <li>1.3 National Maritime Safety Administration.</li> <li>1.4 Other Maritime Enforcements Agencies.</li> <li>1.5 Marine courts, legal power and jurisdiction.</li> <li>1.6 Ships Classification Societies.</li> </ol> </li> <li><b>2. APPLICATION FOR REGISTRATION OF SHIPS</b> <ol style="list-style-type: none"> <li>2.1 Qualification as a Malaysian ships</li> <li>2.2 Obligation to register as Malaysian ships and exemption from registry.</li> <li>2.3 Application for registration as Malaysian ships.</li> <li>2.4 Survey, measurement and marking of ships.</li> <li>2.5 Rules as to name of ships.</li> <li>2.6 Evidence on first registry.</li> </ol> </li> </ol>

	Week 5-7	<p><b>3. DOMESTIC SHIPPING LICENSE</b></p> <p>3.1 Cabotage Policy 3.2 Role of Domestic Shipping Licensing Board 3.3 Legal implication of Domestic Shipping on Shipping Business 3.4 Advantage of Domestic Shipping License to the nation</p> <p><b>4. MASTERS AND SEAMEN</b></p> <p>4.1 Qualification of Masters, Officers and the crew. 4.2 Manning of various types of ships 4.3 Compliance of seamen with STCW 1978 4.4 Medical requirement of crew working onboard ships</p>
	Week 8-10	<p><b>5. INTERNATIONAL SAFETY MANAGEMENT CODE (ISM CODE)</b></p> <p>5.1 History and background of the Code 5.2 Enactment of the Code into MSO 5.3 Compliance of the Code by ship manager and ship owner 5.4 Role of I.S.M. auditor in shipping industry.</p> <p><b>6. INTERNATIONAL SECURITY PORT FACILITIES AND SHIPS (ISPS) CODE</b></p> <p>6.1 History and background of the Code 6.2 Enactment of the Code into MSO 6.3 Compliance of the Code by ship owners, shipmasters and port operators 6.4 Role of ISPS auditors in shipping industry.</p> <p><b>7. INTERNATIONAL CONVENTION ON STANDARD, TRAINING, CERTIFICATION AND WATCHKEEPING 1978 (STCW '78).</b></p> <p>7.1 The background and the development of STCW '78 Convention 7.2 Obligation of ship owners towards STCW '78 Convention 7.3 Obligation of flag maritime administration towards STCW '78 Convention 7.4 The effect of STCW '78 Convention towards global shipping industry.</p>
	Week 11-13	<p><b>8. BASELINES AND MARITIME ZONES</b></p> <p>8.1 The normal baseline 8.2 Straight baseline 8.3 Other baselines 8.4 Internal water 8.5 Territorial Sea 8.6 Contiguous Zone 8.7 Exclusive Economic Zone 8.8 Continental Shelf 8.9 High Seas 8.10 Deep Seabed (The Area)</p> <p><b>9. INTERNAL WATER AND TERRITORIAL SEA</b></p> <p>9.1 Internal water enclosed by straight baseline.</p>

		<p>9.2 Straits used for international navigation. 9.3 Laws and regulations 9.4 Innocent passage and transit passage 9.5 Nuclear and dangerous substances 9.6 Immunity of warships and government ships 9.7 Criminal and civil jurisdictions</p> <p><b>10. ARCHIPELAGIC STATE AND ARCHIPELAGIC WATER</b> 10.1 Immunity of warships and government ships 10.2 Definitions 10.3 Archipelagic baseline 10.4 Legal status 10.5 Internal water of the archipelagic state 10.6 Archipelagic Sea Lane (ASL) 10.7 ASL passage and innocent passage</p>
	Week 14-16	<p><b>11. EXCLUSIVE ECONOMIC ZONE (EEZ) &amp; CONTINENTAL SHELF</b> 11.1 Evolution of the EEZ 11.2 Legal status of EEZ 11.3 Rights and duties of coastal state in the EEZ 11.4 Rights and duties of user states in the EEZ 11.5 Significance and implications of the EEZ 11.6 Continental Shelf.</p> <p><b>12. SETTLEMENT OF DISPUTES</b> 12.1 Evolution of the EEZ 12.2 Settlement under general international law 12.3 Settlement under Law of the Sea Convention 12.4 General principle in dispute settlement.</p>
	Week 17	<b>REVISION FOR FINAL EXAMINATION</b>

## Literature

### Compulsory

1. Government of Malaysia (2011), Merchant Shipping Ordinance 1952 (as at 20th October 2011), ILBS, PJ.
2. Tanaka, Y. (2020). The International Law of the Sea, Third Edition, Cambridge University Press, UK.

### Recommended

1. DOALOS (1994), United Nations Convention on the Law of the Sea 1982, United Nations, New York.
2. Churchill, Robin and Lowe, Vaughan (1999), The Law of the Sea, Third Edition, Melland Schill
3. Kristiansen, Svein (2005), Maritime Transportation, Safety Management and Risk Analysis, Elsevier Butterworth-Heinemann, London

## Course workload

The table below summarizes course workload distribution:

Activities	Learning outcomes	Assessment	Estimated workload (hours)
<b>In-class activities (54 hours)</b>			
Lectures	Identify the national maritime legislation and authority with respect of shipping operation.	Class participation.	34
Moderated in-class discussions	Explain the process of ship registration and licensing.	Class participation and preparedness for discussions.	10
In-class assessments	Examine the mandatory requirements for master's and seamen.	Written tests.	2
Individual assignments	Evaluate the rights of coastal states and user states in the maritime zones.	Individual assignments.	4
Group assignment	Analyze whether a passage is innocent or otherwise.	Group assignment and presentation.	4
<b>Independent work (66 hours)</b>			
Lectures	Identify the national maritime legislation and authority with respect of shipping operation.	Class participation.	18
Moderated in-class discussions	Explain the process of ship registration and licensing.	Class participation and preparedness for discussions.	4
In-class assessments	Examine the mandatory requirements for master's and seamen.	Written tests.	8
Individual assignments	Evaluate the rights of coastal states and user states in the maritime zones.	Individual assignments.	10

Group assignment	Analyze whether a passage is innocent or otherwise.	Group assignment and presentation.	20
Final Examination	Identify the national maritime legislation and authority with respect of shipping operation.	Final Examination	6
<b>TOTAL</b>			<b>120</b>

### Grading

The students' performance will be based on the following:

<b>Assessment</b>	<ul style="list-style-type: none"> <li>- <u>Continuous assessment (60%):</u> <ul style="list-style-type: none"> <li>- Quizzes (10%): students have to undertake quizzes covering topics covered throughout the semester</li> <li>- Written Tests (30%): students have to undertake written tests covering topics covered throughout the semester.</li> <li>- Individual Assignments (10%): students have to complete the exercise for each topic.</li> <li>- Group Assignment (10%): The students will be divided into groups of 4-5 students and each group will choose a topic that includes national maritime legislation and authority, process of ship registration and licensing, mandatory requirements for masters and seamen and maritime zones. Students need to produce and present their group assignment case study according to specific requirements. Peer Assessment will constitute 5% of the group assignment.</li> </ul> </li> <li>- <u>Final assessment (40%):</u> <ul style="list-style-type: none"> <li>- Final examination (40%)</li> </ul> </li> </ul>																																	
<b>Evaluation</b>	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Mark</th> <th>Grade</th> <th>Point Value</th> </tr> </thead> <tbody> <tr><td>80-100</td><td>A</td><td>4.00</td></tr> <tr><td>75-79</td><td>A-</td><td>3.67</td></tr> <tr><td>70-74</td><td>B+</td><td>3.33</td></tr> <tr><td>65-69</td><td>B</td><td>3.00</td></tr> <tr><td>60-64</td><td>B-</td><td>2.67</td></tr> <tr><td>55-59</td><td>C+</td><td>2.33</td></tr> <tr><td>50-54</td><td>C</td><td>2.00</td></tr> <tr><td>45-49</td><td>C-</td><td>1.67</td></tr> <tr><td>40-44</td><td>D</td><td>1.00</td></tr> <tr><td>0-39</td><td>F</td><td>0.00</td></tr> </tbody> </table>	Mark	Grade	Point Value	80-100	A	4.00	75-79	A-	3.67	70-74	B+	3.33	65-69	B	3.00	60-64	B-	2.67	55-59	C+	2.33	50-54	C	2.00	45-49	C-	1.67	40-44	D	1.00	0-39	F	0.00
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