



UNIVERSITI TEKNOLOGI MARA

MAR550: BASIC NAVIGATION

Course Name (English)	BASIC NAVIGATION APPROVED				
Course Code	MAR550				
MQF Credit	4				
Course Description	This course introduces students to the types of navigation and projection charts as well as the navigational methods. Students are exposed to the application of compass and bearing, knowledge on tidal information, international buoyage system, navigational regulations including navigational procedure. In addition, the skills of using navigational aids will also be taught.				
Transferable Skills	Demonstrate practical and contemporary knowledge of basic navigation.				
Teaching Methodologies	Lectures, Blended Learning, Lab Work, Field Trip, Case Study, Discussion				
CLO	<p>CLO1 Describe the types of navigational chart, type of sailing, ship piloting, tidal information, Aids to Navigation (AtoN) and rule of the road (ROR)</p> <p>CLO2 Evaluate the principles of navigation by using different types of navigation methods</p> <p>CLO3 Display the knowledge of hands on ship operation and management</p> <p>CLO4 Explain modern technology in the performance of shipboard duties and responsibilities based on international ship management (ISM) code</p>				
Pre-Requisite Courses	No course recommendations				
Reading List	<table><tr><td>Recommended Text</td><td>A G Bole, C E Nicholls, W O Dineley 2013, <i>Navigation Control Manual</i>, Routledge [ISBN: 1135385424]</td></tr><tr><td>Reference Book Resources</td><td><ul style="list-style-type: none">The United States Power Squadrons 2005, <i>Marine Amateur Radio</i>, International Marine/Ragged Mountain Press [ISBN: 0071456295]Michael McNicholas 2008, <i>Maritime Security</i>, Butterworth-Heinemann [ISBN: 9780123708595]</td></tr></table>	Recommended Text	A G Bole, C E Nicholls, W O Dineley 2013, <i>Navigation Control Manual</i> , Routledge [ISBN: 1135385424]	Reference Book Resources	<ul style="list-style-type: none">The United States Power Squadrons 2005, <i>Marine Amateur Radio</i>, International Marine/Ragged Mountain Press [ISBN: 0071456295]Michael McNicholas 2008, <i>Maritime Security</i>, Butterworth-Heinemann [ISBN: 9780123708595]
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Article/Paper List	This Course does not have any article/paper resources				
Other References	This Course does not have any other resources				