



UNIVERSITI TEKNOLOGI MARA

MAR560: MARINE ENGINEERING

Course Name (English)	MARINE ENGINEERING	APPROVED
Course Code	MAR560	
MQF Credit	4	
Course Description	This course introduced students to the basics of marine engineering. It emphasizes on theory movement, inspection, maintenance and performance of the mechanical and electrical components of a ship.	
Transferable Skills	Demonstrate analytical skills using technology.	
Teaching Methodologies	Lectures, Blended Learning, Discussion, Presentation	
CLO	CLO1 Explain the basic ship technology in marine engineering and naval architectural principles relevant to maritime industry CLO2 Determine basic techniques and tools in solving problems relevant to ship technology CLO3 Display the operation of various marine system CLO4 Describe the elements of ship structure which are critical to the safety of ship	
Pre-Requisite Courses	No course recommendations	
Reading List	Recommended Text	<ul style="list-style-type: none">• Everett C. Hunt, Gus Bourneuf 1999, <i>Modern Marine Engineer's Manual</i>, Cornell Maritime Pr/Tidewater Pub [ISBN: 0870334964]• James A. Harbach, Alan L. Rowen 2002, <i>Modern Marine Engineer's Manual</i>, Cornell Maritime Pr/Tidewater Pub [ISBN: 0870335375]• John Fleming 2000, <i>Complete Guide to Diesel Marine Engines</i>, Bristol Fashion Publishing Company [ISBN: 1892216248]• ELSVIER AND BUTTERWORTH HEANERNEMAN, <i>INTRODUCTION TO NAVAL ARCHITECTURE</i>, FOURTH Ed.
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	