



## COLLEGE OF MARITIME EDUCATION

### CURRICULUM MAP FOR BACHELOR OF SCIENCE IN MARINE ENGINEERING

- PO1 - Demonstrate the ability to perform the competence, at the operational level under Table A-II/1 and some elements of Table A-II/2 of the STCW Code;
- PO2 - Apply knowledge in mathematics, science, technology in solving problems related to the profession and the workplace;
- PO3 - Work in a multi-cultural and/or multi-disciplinary team approach;
- PO4 - Understand professional and ethical responsibilities;
- PO5 - Communicate effectively in oral and written English;
- PO6 - Understand the impact and implications of various contemporary issues in the global and social context of the profession;
- PO7 - Engage in lifelong learning and keep abreast with developments in the field of specialization and/or profession;
- PO8 - Use appropriate techniques, skills and modern tools in the practice of the profession in order to remain globally competitive; and
- PO9 - Conduct research using appropriate research methodologies.

#### LEGEND:

- I – An introductory course to an outcome
- E – A course that strengthens the outcome
- D – A course demonstrating the outcome



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<b>PROGRAM OUTCOMES</b>									
<b>COURSE TITLE 1<sup>ST</sup> Year / 1<sup>ST</sup> Semester</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>
FCL 1101						I			
GEC 1000				I		I	I		
GEC 4000			I	I	E	I	I		
GEC 5000		I						I	
GEE 1000 GEE 1000L					I	I			
MARE 1101 Emats	I								
MARE 1120L DRAWING	I								
MARE 1103 MARE 1103L ECTRO	I								
MARE 1104 MARE1104L MASHOP	D								
NSTP 1101				E				E	
PE 1102 SWIMMING				E				E	

<b>PROGRAM OUTCOMES</b>									
<b>COURSE TITLE 1<sup>ST</sup> Year / 2<sup>ND</sup> Semester</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>
FCL 1202						I			
GEC 6000			I	I	I	I			
GEC 8000					I	I			
MARE 1205 MARE 1205L ELECTRO 2	E								
MARE 1206 MARE 1206L MASHOP 2	D								
MARE 1207 NAVAL ARCH	E								
MARE 1208 MECHANICS	E	E							
MARE 1209 MARE 1209L THERMO	E	E							
NGEC 1000					I	I			
NGEC 3000		I						I	
NSTP 1202				E				E	
PE 1203 ADVANCE SWIMMING				E				E	



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<b>PROGRAM OUTCOMES</b>									
<b>COURSE TITLE</b> <b>2<sup>nd</sup> Year / 1<sup>st</sup> Semester</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>
FCL 2103						I			
FIL 1000					E	I			
GEC 2000				I					
MARE 2110 MARE 2110L ICHM	E								
MARE 2111 MARE 2111L AUXMACH1	E								
MARE 2112 MARE 2112L ELECTRO 3	D								
MARE 2113 MARE 2113 MASHOP 3	D								
MLTP 2103	E		E	E	E				
NGEC 2000		I						I	
PE 2205				E				E	

<b>PROGRAM OUTCOMES</b>									
<b>COURSE TITLE</b> <b>2<sup>nd</sup> Year / 2<sup>nd</sup> Semester</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>
FCL 2204						I			
FIL 2000					D	I			
GEC 3000			D	I	I				
MARE 2214 MARE 2214L AUXMACH 2	E		E	E	E				
MARE 2215 MARE 2215L AUTO 1	D	D							
MLTP 2204									
MT 2214 MT 2214L SOFT APP IN SEAGO	E	E						E	
MT 2213 EMERGING TECH	D	D						D	
PE 2104 DUAL SPORTS				E				E	
RZL 1000			I		I				



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PROGRAM OUTCOMES									
COURSE TITLE 3 <sup>RD</sup> Year / 1 <sup>ST</sup> Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
FCL 1305						I			
HUM 3000			I	I	I	I			
GEC 7000						I			
MLTP 3105	E		E	E	E				
MARE 3116 MARE 3116L PP1	D								
MARE 3117 MARE 3117L PP2	D								
MARE 3118 MARE 3118L PASGT	D								
MARE 3119	D								
MT 3118 LEADERSHIP AND TEAMWORK	E		E	E	E				
MT 3119 MARLAW	E								

PROGRAM OUTCOMES									
COURSE TITLE 3 <sup>RD</sup> Year / 2 <sup>ND</sup> Semester	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
FCL 3206						I			
MLTP 3206	E		E	E	E				
MARE 3220 COMPRE	D	D							
MARE 3221 MARE 3221L MAINTENANCE	E								
MARE 3222 MARE 3222L AUTO 2	D	D						D	
MARE 3223L E WATCH	D				D			D	
MT 3225	E	I				E			
MT 3227	E	E							
MT 3228								E	
MT 3229	E			E	E				
BT (Basic Training to be taken before cadetship)									



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PROGRAM OUTCOMES									
COURSE TITLE 4 <sup>TH</sup> Year	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
MT 4130	SHIPBOARD TRAINING								

Prepared by:

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