



OUTCOMES-BASED MONITORING INSTRUMENT (OBMI) FOR MARITIME EDUCATION PROGRAMS (MEPs)



Name of Maritime Higher Education Institution (MHEI):	Contact Numbers:	Email address:
Address of Maritime Higher Education Institution (MHEI):	Region:	
Maritime Education Program/s Monitored:	Date of Monitoring:	Date last Monitored:

STANDARDS, TEACHING METHODS AND MEDIA OF DELIVERY		EXPECTED OUTCOMES				
		<p>I. MHEIs authorized to offer BSMT program shall ensure that every student thereof shall have acquired the knowledge, understanding and skills needed to meet the standards of competence specified in Sections A-II/1 of the STCW Code for certification as Officer in Charge of a Navigational Watch serving on a seagoing ship of 500 gross tonnage or more.</p> <p>II. MHEIs authorized to offer BSMarE program shall ensure that every student thereof shall have acquired the knowledge, understanding and skills needed to meet the standards of competence specified in Section A-III/1 of the STCW Code for certification as Officer in Charge of an Engineering Watch in a manned engine-room or designated duty engineer officer in a periodically unmanned engine-room on a seagoing ship powered by main propulsion machinery of 750 kW propulsion power or more.</p>				
Item No.	KEY AREAS, MINIMUM REQUIREMENTS AND REFERENCE	OBJECTIVE EVIDENCE	SELF-ASSESSMENT (For the Institution) Identify/indicate the Objective Evidence	FINDINGS (For the Joint CHED-MARINA Team)		REMARKS (Other Objective Evidence)
				Compliant	Not Compliant	
1	The MHEI shall follow and adhere to the prescribed course package to ensure the attainment of course outcomes.	Evidence and records of implementation of the following: - prescribed BSMT and BSMarE curricula by the Commission and Maritime				



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	<i>References: Section 13 Article VI of JCMMC No. 01 S. 2022</i>	Administration as implemented - enhanced curriculum by the MHEIs considering the maximum number of study load of students as stipulated in MORPHE as implemented				
2	The delivery for BSMT or BSMarE program commences by conveying the required knowledge, understanding, skills and competences that the students must acquire and demonstrate at the end of the program. The MHEIs shall follow and adhere to the prescribed structure, teaching methods and media of delivery, learning activities, assessments, and ensure the provision and availability of necessary facilities, equipment and other instructional support to ensure the attainment of the intended learning outcomes and the achievement of the prescribed standards of competence under the STCW Convention, 1978, as amended	Records of delivery of Instructions, Practical Exercises and Assessments (with provision for monitoring of the conducted activities) Records of monitoring and supervision of education and training Proof of practical exercise sheets Document showing alignment of the following - Course syllabus - DTS - Assessment Tools to the course outcomes				



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	and other relevant international covenants. <i>References: Section 13 Article VI of JCMC No. 01 S. 2022</i>					
3	The MHEI shall ensure sufficiency and appropriateness of practical exercises and assessment of a course based on the learning outcomes and ensure that all learning outcomes requiring practical exercises are attained by the students, subject to evaluation, inspection, verification and monitoring by the Inspection Team organized by CHED and MARINA. <i>Reference: Section 13 Article VI of JCMC No. 01 S. 2022</i>	Practical or assessment exercises performed by the students (containing dates of the conduct of exercises that are consistent with the schedule in the Course Syllabi)				
4	MHEIs shall ensure that the elements in the design, review and verification, validation and approval of practical/simulator exercises prescribed in the course package are complied with. <i>Reference: Section 13 Article VI of JCMC No. 01 S. 2022</i>	Proof of implementation in compliance with the design, review and verification, validation and approval of practical/simulator exercises prescribed in the course package.				
5	The teaching-learning process shall be interactive, participatory,	Records of delivery of Instructions, Practical Exercises				



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	<p>collaborative and experiential emphasizing the connection between and among courses to achieve a seamless integration towards holistic learning. The following teaching and learning activities may be utilized in the course delivery, but not limited to:</p> <ol style="list-style-type: none"> 1. Peer/Team Teaching 2. Film/Video Viewing 3. Interactive Learning 4. Reporting 5. Brainstorming 6. Class Discussion (Question and Answer Technique) 7. Panel Discussion 8. Focused Group Discussion 9. Workshop Activity 10. Buzz Session 11. Concept/Mind Mapping 12. Gallery Walk 13. Research Project 14. Seminar/Symposium 15. Debate 16. Study Tour 17. Other Educational Technologies <p><i>Reference: Article VI Section 13 of JCMMC 01 s. 2022</i></p>	<p>and Assessments (with provision for monitoring of the conducted activities)</p> <p>Records of monitoring and supervision of education and training</p> <p>Proof of implementation of activities as stated in the DTS</p>				



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6	<p>Education and training shall be administered, monitored and supervised in accordance with the established policies and procedures, prescribed minimum requirements on the structure of the programs, teaching methods and media of delivery, learning activities, assessments, and ensure the provision and availability of necessary course materials, facilities, equipment and other instructional support to ensure the attainment of the intended learning outcomes and the achievement of the prescribed standards of competence under the STCW Convention, 1978, as amended and other relevant international covenants.</p> <p><i>Reference: Article VI Section 14 JCMMC 01 s. 2022</i></p>	<p>Records showing that education and training is administered, monitored and supervised.</p> <p>Used the following records or documents to verify:</p> <p>Course Syllabus</p> <p>DTS</p> <p>Planned Maintenance System</p> <p>Inventory of Equipment</p> <p>Course outline and timetable</p> <p>Records of Practical Exercises/Activity Plan</p> <p>Carrying Capacity computation (Forms 1 to 4)</p> <p>Records of Practical Exercises</p> <p>Instructional Aids</p> <p>Inventory of Equipment</p> <p>Assessment Plan</p> <p>Assessment sheet</p> <p>Detailed Teaching Syllabus</p>				



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		<p>1. Quality Procedures on the conduct of laboratory or workshop instruction/activities (to see if the procedures address the following:</p> <ul style="list-style-type: none"> ● Exercise/Activity plan/sheets per the DTS limitations imposed (no. of students in the laboratory, equipment to student ratio) etc <p>Records of Supervision and Monitoring of the delivery of course lectures and practical/laboratory exercises</p> <p>Accomplished Checklist of lessons and training sessions (per the TLA) conducted signed by the Instructor and attested by the Dept. Chair</p> <p>Periodic monitoring of instructor's lessons and training sessions by the College/Dept. Chair</p> <p>Course Syllabi (specifying course materials, equipment and reference materials used)</p>				



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7	<p>Consistent with outcomes-based education approach which allows flexibility for the HEIs to employ various means of delivery and as far as practicable, institutions shall deliver the programs, including the plan and media of delivery, in accordance with the relevant Policies, Standards and Guidelines promulgated by the Commission on Higher Education, in coordination with the MARINA, on Flexible Learning.</p> <p><i>Reference: Article VI Section JCMMC 01 s. 2022</i></p>	<p>1. Quality Procedures on the familiarization of all personnel in the relevant processes of the MHEI. (in this case, on the conduct of practical training at laboratories and workshops)</p> <p>2. Records of conduct of familiarization</p> <p>3. DTS</p> <p>4. Records of the use of laboratory practical training/workshops (indicating the day/week used)</p> <p>5. Utilized practical exercise or activity sheets (per the DTS)</p> <p>Records of monitoring and supervision of education and training</p>				

Lead Evaluator

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Signature Over Printed Name

Monitoring Team Members

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Signature Over Printed Name

Signature Over Printed Name

