



Republic of the Philippines
OFFICE OF THE PRESIDENT
COMMISSION ON HIGHER EDUCATION



CHED MEMORANDUM ORDER

No. 85
Series of 2017

SUBJECT: IMPLEMENTING GUIDELINES FOR THE DEVELOPMENT OF COURSE LEARNING PLANS/SYLLABI FOR THE MARITIME PROFESSIONAL COURSES IN THE BACHELOR OF SCIENCE IN MARINE TRANSPORTATION (BSMT) AND BACHELOR OF SCIENCE IN MARINE ENGINEERING (BSMarE)

In accordance with the pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the "Higher Education Act of 1994" and per the Commission *en banc* (CEB) Resolution No. 789-2017 dated October 24, 2017, the following implementing guidelines for the development of course learning plans/syllabi for the maritime professional courses in the Bachelor of Science in Marine Transportation (BSMT) and Bachelor of Science in Marine Engineering (BSMarE) are hereby adopted and promulgated by the Commission.

I. BACKGROUND AND RATIONALE

In view of the implementation of CHED Memorandum Order (CMO) No. 67, series of 2017, "Revised Policies, Standards and Guidelines for the Bachelor of Science in Marine Transportation (BSMT) and Bachelor of Science in Marine Engineering (BSMarE) to be implemented starting Academic Year 2018-2019 when the first batch of the Senior High School graduates shall be enrolling as first year college students in the maritime higher education institutions (MHEIs), there is a need to train the faculty members who will be handling the new courses embedded in the new maritime curricula. The said PSG, in compliance with the Standards of Training Certification and Watchkeeping for Seafarers (STCW), provides the expected outcomes and specific competencies that are responsive to the needs of the industry which shall ensure global competitiveness of maritime graduates.

The new maritime curriculum aims to expose undergraduate students to various domains of knowledge and ways of comprehending situation using theory and concepts as well as tacit experiential knowledge aligned with STCW standards as amended, as well as those other international conventions. Specifically, BSMT curriculum sets the operational level competence provided under Table A-II/1 in order that graduates shall be able to demonstrate the ability to perform the required competence while the BSMarE curriculum sets the operational competence provided under Table A-III/1 in order that graduates shall be able to show the required knowledge and skills. The minimum curricular requirements for maritime education is applicable to private and public higher education institutions (HEIs) in the country.

For the First Phase of the project, priority in the development of the learning plans/syllabi are sixteen (16) professional maritime courses of the BSMT program

and thirteen (13) professional courses in the BSMarE program to be offered in the first and second year level of the programs including one (1) common course on Shipboard Training Program. These courses are learner-centered and outcomes-based intended to prepare students for a career at sea and effectively carry out the tasks, duties and responsibilities of an Officer-In-charge of a Navigational Watch and Officer-in-Charge of an Engineering Watch. Please see attached list of courses as Annex A.

To assist the maritime higher education institutions (MHEIs) transition to these new polices and standards, CHED shall commission selected MHEIs to develop sample or model course learning plans/syllabi with up-to-date and appropriate readings, materials, and resources for each of the selected professional maritime courses which shall serve as guides for MHEIs in implementing the courses.

II. OBJECTIVES

The development of course learning plans/syllabi for the maritime professional courses in the Bachelor of Science in Marine Transportation (BSMT) and Bachelor of Science in Marine Engineering (BSMarE) aims to:

- 1) assist the maritime higher education institutions (MHEIs) transition to these new polices and standards;
- 2) serve as guides for the faculty members of the MHEIs in teaching professional courses of the BSMT and BSMarE programs; and
- 3) capacitate or enhance the competence of faculty members of the MHEIs.

III. DEVELOPMENT OF LEARNING PLANS/ COURSE SYLLABI

CHED shall identify the MHEIs to be commissioned to develop the assigned professional maritime course/s based on their capability in developing learning plans/syllabi. The selection and identification of MHEIs shall be based on established academic track record. The applicant MHEIs shall be screened and evaluated by the Technical Panel for Maritime Education. The learning plans/syllabi shall contain the following basic components, among others:

- 1) Curriculum Map
- 2) Course Specifications
- 3) Course Map
- 4) Teaching-Learning activities
- 5) Assessment (rubrics, simulator scenarios, case study based on operations scenario, multiple choice questions [competency/tasked based], etc.)
- 6) Documentation from the design and development planning (inputs and outputs identification), review and verification, validation, changes and approval

The budget for the development of learning plans/syllabi for the maritime professional courses shall be Four Hundred Thousand Pesos (P400,000.00) per professional course syllabus developed. For the total thirty (30) maritime professional courses, the total budgetary requirement is P 12,000,000.00. The CHED-commissioned MHEIs shall execute a Memorandum of Agreement (MOA) indicating the Terms of Reference and Timelines for the submission of the expected deliverables/outputs.



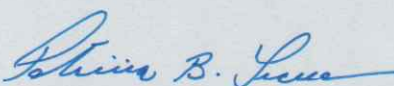
The CHED Maritime Curriculum Review Committee (MCRC) shall be tasked to review, evaluate, and assess the deliverables/outputs and recommend to the TPME for appropriate action. The TPME shall have to endorse/recommend to the Commission *en banc* for final approval and acceptance of the deliverables/outputs.

IV. EFFECTIVITY

This CMO shall take effect immediately and shall remain in force and in effect until otherwise revoked.

Issued this 16th of November 2017 in Quezon City, Philippines.

For the Commission:



PATRICIA B. LICUANAN, Ph.D.
Chairperson

