

Republika ng Pilipinas  
(Republic of the Philippines)  
KAGAWARAN NG EDUKASYON, KULTURA AT ISPORTS  
(DEPARTMENT OF EDUCATION, CULTURE AND SPORTS)  
UL Complex, Pasig, Metro Manila

March 5, 1991

DECS O R D E R  
No. 22, s. 1991

UPGRADING THE TWO-YEAR ASSOCIATE IN MARINE ENGINEERING TO A  
FOUR-YEAR COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE  
IN MARINE ENGINEERING AND THE CURRICULAR MODIFICATIONS OF  
B.S. IN MARINE TRANSPORTATION

To: Bureau Directors  
Regional Directors  
Presidents, State Colleges and Universities  
Heads of Private Schools, Colleges and Universities

1. In response to the dynamic technological advancement in the field of maritime industry and the requirements in the International Standards of Training, Certification and Watchkeeping (STCW) Convention 1978, the Department of Education, Culture and Sports in consultation with the Technical Panel and Technical Committees for Maritime Education, is upgrading the two-year Associate in Marine Engineering, into a ladderized four-year course leading to the degree of Bachelor of Science in Marine Engineering (BSMarE) effective school year 1991-1992. Likewise, the curriculum of the Bachelor of Science in Marine Transportation (BSMT) has been modified and enriched as equated with the curricular structure of the Marine Engineering course.
2. In line with this, all schools offering the Associate in Marine Engineering Course which desire to offer the Bachelor of Science in Marine Engineering shall file their applications at the regional offices with all the usual supporting documents not later than April 15, 1991. Schools previously granted permit for BSMT major in Marine Engineering shall make the necessary adjustments in accordance with the minimum standards requirements for Bachelor of Science in Marine Engineering (BSMarE).
3. Similarly, applications for the curriculum enrichment of the BSMT effective school year 1991-1992 shall be forwarded to the Bureau of Higher Education (BHE) through the regional offices for approval.

4. Inclosed herewith are the guidelines for the gradual phasing out of the AME course and the curricular requirements of B.S. in Marine Transportation and B.S. in Marine Engineering.

5. Compliance with, and wide dissemination of this Order are desired.

(SGD.) ISIDRO D. CARINO  
Secretary

Incl.:

As stated

References:

DECS Order: No. 43. s. 1939

DECS Memorandum: No. 111. s. 1937

Allotment: 1-3-4--(M.O. 1-87)

To be indicated in the Perpetual Index  
under the following subjects:

AMENDMENT

Course of Study, COLLEGIATE

CURRICULUM

POLICY

SCHOOLS

(Inclosure to DECS Order No. 22, s. 1991)

GENERAL GUIDELINES ON THE UPGRADING OF  
MARITIME EDUCATION PROGRAM

- a. Applications for permit or recognition of the BSMT and ESMarE have to be filed separately.
- b. The NCEE will be required upon admission to the 3rd curriculum year of the BSMT program. However, enrolment entry of cadets with NCEE shall be different from those without NCEE, as follows:
  - b.1 Those with NCEE shall directly enroll in the BSMT or BSMarE course, as the case may be.
  - b.2 Those without NCEE shall enroll in the certificate courses, as follows:
    - \* Marine Engineering Certificate course in the case of the ladderized BSMarE.
    - \* Marine Transportation Certificate course in the case of the ladderized BSMT.
- c. Apprenticeship of the cadets under the BSMT program can be undertaken either during the third or fourth curricular year.
- d. Only students who are medically fit and with perfect eyesight and hearing shall be admitted to the above-mentioned courses.

GUIDELINES FOR UPGRADING THE ASSOCIATE IN MARINE ENGINEERING TO  
BACHELOR OF SCIENCE IN MARINE ENGINEERING (BSMarE)

- a. Students finishing the first two years of the ladderized BSMarE course shall be awarded a Certificate in Marine Engineering and shall be issued a special order accordingly.
- b. Maritime Schools offering the AME course with permit or recognition status shall be allowed to simultaneously offer the 1st and 2nd years of the B.S. in Marine Engineering upon approval of the application.
- c. A permit for the 3rd year may be granted and simultaneously offered with the 1st and 2nd years of BSMarE provided 100% of the minimum standard requirements has been complied with.
- d. A diploma shall be awarded only upon the completion of the 4-year course. Under the ladderized scheme, a Certificate in Marine Engineering shall be issued to cadets upon completion of the first 2 academic years of BSMarE program, for purposes of apprenticeship and/or early shipboard employment.

**GUIDELINES FOR THE CURRICULAR MODIFICATIONS OF THE  
BACHELOR OF SCIENCE IN MARINE TRANSPORTATION (BSMT)**

- a. Effective School Year 1991-1992, the 1st curricular year of the old BSMT major in Nautical Studies and Marine Engineering shall be phased out. Phasing out of the other old curriculum level will be done in subsequent years.
- b. The enriched curriculum of the B.S. in Marine Transportation will be gradually implemented effective SY 1991-1992.
- c. A diploma shall be awarded only upon the completion of the 4-year course. Under the ladderized scheme, a Certificate in Marine Transportation may be issued to cadets upon completion of the first 2 academic years of the BSMT program, for purposes of apprenticeship and early shipboard employment.