



Republic of the Philippines

Department of Education

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Assistant Secretary for Curriculum and Instruction

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To: SDSs

For your guidance, please. Thanks. Good Men!

[Handwritten signature]

Apr 2016

MEMORANDUM  
DM-CI-2016-0059

FOR : Diosdado M. San Antonio, Director Region IV-A  
Ponciano A. Menguilo, Director NCR  
Gilbert Sadsad, Director NIR

FROM :   
ELVIN IVAN Y. UY  
Assistant Secretary for Curriculum and Instruction

SUBJECT : Senior High School (SHS) Maritime Program

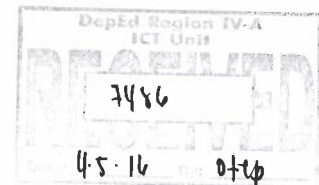
DATE : March 31, 2016

The Department has partnered with the Maritime Industry Authority (MARINA) in developing the curriculum for the maritime program in Senior High School (SHS). Two maritime specializations were developed - the Technical-Vocational-Livelihood (TVL) Maritime Specialization and the Pre-baccalaureate Maritime Specialization.

The partnership also stipulates that the DepEd and MARINA will both identify schools/institutions where the SHS maritime specialization will be implemented. This is to ensure that the school/institution has the capacity to deliver the program. The developed programs will require resources, facilities and expertise. For SY 2016-2017, only schools and institutions accredited by the MARINA will be granted provisional permits to offer the SHS maritime specializations.

With this regard, we are requesting that the public schools offering the SHS maritime specialization identify the school/institutions that they have partnered with in delivering the maritime program in SHS. The partner school/institution should have been accredited by the MARINA to offer the Enhanced Support Level Program (ESLP) Deck and Engine or the Merchant Marine Officer Program. Please inform the assigned SHS Technical Assistant regarding the program offering of the school as well as the school's partner institution before April 6, 2016.

Attached to this memo is a briefer regarding the approved maritime specializations to offer for SHS. This document will guide the schools in identifying their eligibility and capacity to offer the maritime specialization.



## Briefer on the SHS Maritime Program

### I. SHS Maritime Specializations

Two Senior High School (SHS) Maritime Specializations were developed, a Technical-Vocational-Livelihood (TVL) Maritime specialization and a Pre-baccalaureate Maritime specialization. The STCW Convention Code was used as the basis for developing the curriculum for the TVL Maritime Specialization. Given this, the SHS graduates of the TVL Maritime Specialization may take the assessment for Certification of Ratings Forming Part of a Watch (Deck and Engine). This will allow them to qualify for career opportunities in the maritime industry upon graduation and evaluation.

The Pre-baccalaureate Maritime Specialization is a modified program of the STEM strand. In this specialization, six specialized subjects of the STEM strand were retained and three were replaced with maritime-related subjects. The goal of the Pre-baccalaureate Maritime Specialization is to encourage SHS graduates to pursue further studies in maritime education. With this, the country will be able to produce more seafarers at the officer level.

### II. Specialized Subjects of the SHS Maritime Specializations

#### A. SHS TVL Maritime Specialization

1. Navigational Watch 1
2. Navigational Watch 2
3. Navigational watch 3
4. Engine Watch 1
5. Engine Watch 2
6. Safety 1
7. Safety 2
8. Ship's Catering Services
9. Work Immersion/Research/ Career Advocacy/Culminating Activity

#### B. Pre-baccalaureate Maritime Specialization

1. Pre-calculus
2. Basic Calculus
3. General Physics I
4. General Physics II
5. General Chemistry I
6. Introduction to Maritime Career
7. Introduction to Marine Transportation and Engineering
8. Introduction to Maritime Safety
9. Work Immersion/Research/ Career Advocacy/Culminating Activity

## **Briefer on the SHS Maritime Program**

### **III. Criteria for Schools that will Offer the SHS Maritime Specializations**

To ensure that the schools offering the maritime specialization can deliver the core, applied and specialized subjects of the SHS program, the DepEd and MARINA agreed to the following criteria:

- A. Public Schools offering the TVL Specialization should:
  - 1. have been granted a DepEd provisional permit to implement the SHS Program; and
  - 2. have a partner school/institution recognized by the MARINA to offer the Enhanced Support Level Program (ESLP-Deck and Engine).
  
- B. Public Schools offering the Pre-baccalaureate Program should:
  - 1. have been granted a DepEd provisional permit to implement the SHS Program;
  - 2. be offering the STEM program in SHS; and
  - 3. have a partner school/institution recognized by the MARINA to offer the Merchant Marine Officer Program.
  
- C. Public Schools offering both the TVL Specialization and the Pre-baccalaureate Program should:
  - 1. have been granted a DepEd provisional permit to implement the SHS Program;
  - 2. be offering the STEM program in SHS;
  - 3. have a partner school/institution recognized by the MARINA to offer the Enhanced Support Level Program (ESLP-Deck and Engine); and
  - 4. have a partner school/institution recognized by the MARINA to offer the Merchant Marine Officer Program.