

# Awareness of Nigerian Students towards the Student Outcomes and Program Educational Objectives of the BS Marine Engineering Program

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**Abstract** - *The study aimed to assess the awareness of the newly-developed program educational objectives (PEO) and student outcomes (SO) for Bachelor of Science in Marine Engineering (BSMarE) in Lyceum International Maritime Academy (LIMA). The researchers used the descriptive method of research. The data were gathered through a survey questionnaire. The results revealed that the respondents are highly aware on the PEO and SO of BS MarE in LIMA. The researchers also proposed plan of action to increase the awareness in PEO and SO of BSMarE in LIMA. The researchers recommended that the incoming BSMARE Nigerian students be oriented at the start of the semester to ensure the awareness of the PEO and SO in LIMA and faculty handling major subjects in BSMarE program specifically with Nigerian students may be properly oriented about the PEO and SO in LIMA.*

**Keywords:** *PEO, SO, Awareness, Maritime Engineering, Nigerian Students*

## INTRODUCTION

Higher Education Institutions uplifts the quality of education by engaging in curriculum development to improve the student's learning (Barcelona et al., 2015). Outcomes-Based Education provides another way in the similar perspective of assessing the performance of the university students (Camello, 2014). It is useful in terms of academics, attitude and instructions (Borsoto et al., 2014). Implementation of OBE is the main thrust of most Higher Education Institutions in the Philippines today to go along with the standards of foreign universities and colleges all over the world (Laguador & Dotong, 2014). In general, Nigerian students are aware of the implementation of OBE (Cabaces et al., 2014).

The Lyceum International Maritime Academy (LIMA) is a standard maritime institution of learning in the Lyceum of the Philippines University that offers the training and certification of cadets undertaking the bachelor's in Marine Transportation and Marine

Engineering courses here in the Philippines. It is the First maritime school to be ISO 9001:2008 certified and rated compliant with Standard of Training and Certification for Watchkeeping (STCW '95).

The marine engineering is a branch of engineering that focuses on the practical skills and theoretical skills of a marine engineer in three areas: offshore, marine based, and shore based. As a mariner, one must have the standard knowledge needed for the duties and responsibilities onboard ship. These would include maintenance of the ship's engine room, auxiliary machineries, automatic system and looking after the system such as fuel oil, refrigeration and fresh water. The Bachelor of Science in Marine Engineering (BSMARE) is focused on having Engine ratings and officers who are well-prepared for shipboard operations. This course is aimed at producing graduates with comprehensive knowledge of the theoretical principles of Marine Engineering. This, likewise, seeks to provide quality and productive