

SIST-m

**John B. Lacson Foundation Maritime University-Molo, Inc.
Engineering Department
Iloilo City**

Entrance Examination and Academic Achievement Among Freshman Regular
BSMAR E Cadets at JBLFMU-Molo, Inc.

A Thesis Paper Presented
To the Faculty College of Engineering
John B. Lacson Foundation Maritime University-Molo, Inc.
Molo, Iloilo City

In Partial Fulfilment
Of the Requirements in the Course
Research with Statistics

Section – Australia

Aguillon, Reinhart O.
Dalida, Keven G.
Gales, Johnrz P.
Magno, Danje R.
Nonesco, Gerald N.
Ocate, Regienald B.
Pinero, Ken Edgar G.
Ramido, Jeremy A.
Sorrio, Louie D.

February 2012

John B. Lacson Foundation Maritime University-Molo, Inc.
Engineering Department
Iloilo City

Aguillon, Reinhart O., Dalida, Keven G., Gales, Johnrz P., Magno, Danje R. Nonesco, Gerald N., Ocate, Regionald B., Pinero, Ken Edgar G., Ramido, Jeremy, A., and Sorio, Louie D. "*Entrance Examination and Academic Achievement Among Freshman Regular BSMAR E Cadets at JBLFMU-Molo, Inc.*"; Unpublished Research Paper. John B. Lacson Foundation Maritime University-Molo, Inc., February 2012.

Abstract

This descriptive-survey aimed at determining the entrance examination result and academic achievement among freshman Polaris cadets at JBLFMU-Molo Inc. during the second semester of academic year 2011-2012. The participants in the study were the randomly selected 101 freshman regular BSMAR E cadets of JBLFMU-Molo, Inc. enrolled during the second semester of academic year 2011-2012. They were selected using stratified proportionate random sampling from sections Alfa, Bravo, Charlie, Delta, and Echo. The data on the entrance examination results and grade point average of the freshman regular BSMAR E cadets were taken from the Guidance office. Descriptive statistics included mean and standard deviation, while One-way ANOVA and Pearson's r were employed as inferential statistics, set at .05 alpha level. Results reveal that the entrance examination results among freshman regular BSMAR E cadets were found to be "poor" when taken as an entire group. Likewise, the following

John B. Lacson Foundation Maritime University-Molo, Inc.
Engineering Department
Iloilo City

freshman regular cadets had "poor" entrance examination results: those with needs improvement and poor English test results; those with needs improvement and poor math test result; those with needs improvement, and poor entrance examination test results. However, those with fair, high, and very high English test result had "fair" entrance examination result. Similarly, those with fair, high, and very high math entrance test results, and very high math test result had "fair" entrance examination results. On the other hand, those with high Science test result had "high" entrance examination result. The academic achievement of freshman regular BSMAR E cadets when taken as an entire group was found to be "superior" and those with very high math test result. On the other hand, those with needs improvement, poor, and fair English test results had "good" academic achievement. Similarly, those with poor, fair, high math test result had "good" academic achievement. Those with poor, fair, and high science test result and those with poor entrance examination results had "good" academic achievement. Those with high English test result, with needs improvement and very high math test result, those with needs improvement science test result, with fair and high entrance examination results had "very good: academic achievement. Significant differences existed in the entrance examination results

**John B. Lacson Foundation Maritime University-Molo, Inc.
Engineering Department
Iloilo City**

among freshman regular BSMAR E cadets when classified according to English test results, Math test results, and Science test results. Significant difference existed in the academic achievement among freshman regular BSMAR E cadets when classified according to entrance examination test results. No significant differences existed in the academic achievement among freshman regular BSMAR E cadets when classified according to English test results, Math test results, and Science test results. Positive and significant relationships existed between English test result, Math test results, and Science test result, and entrance examination results among freshman regular BSMAR E cadets. Positive but not significant relationships existed between English test results and academic achievement, between Entrance examination test results and academic achievement among freshman regular BSMAR E cadets. However, negative and not significant relationships existed between Math test results and academic achievement and between Science test results and academic achievement.