

**MOTIVATION, ATTITUDE TOWARDS AND ACADEMIC PERFORMANCE  
IN COLLEGE PHYSICS OF AHSE SOPHOMORES AT  
CENTRAL PHILIPPINE UNIVERSITY**

**A Research Report**

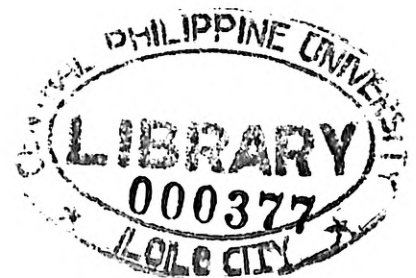
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**ABSTRACT**

This study aimed to determine the motivation, attitude towards and academic performance in College Physics of AHSE Sophomores at Central Philippine University during the academic year 2005 – 2006. The sample size was composed of 286 AHSE sophomore students at the College of Nursing of Central Philippine University. The ex post facto design was used in this study. Moreover, documentary analysis technique with the use of questionnaire were utilized in this study in which the respondents accomplished it by themselves. Means and standard deviations were used to measure central tendencies and dispersion of data. To determine differences between means, z-test, chi-square and the analysis of variance (ANOVA) were computed. Pearson product-moment correlation coefficients was used to determine the extent of relationship between and among variables and were interpreted using Garrett's interpretation. The findings of this study revealed that the academic performance of AHSE sophomore students enrolled in College Physics for Health Sciences during the academic year 2005 –2006 is low.

AHSE sophomore students who belong either in special science class or regular class during their high school are moderately motivated in College Physics for Health Sciences. AHSE sophomore students coming from both public and private high schools have the same level of motivation in College Physics for Health Sciences. AHSE sophomore students regardless of time of schedule they attended have the same level of motivation in College Physics for Health Sciences. Majority of the AHSE sophomore students regardless of their performance in high school physics were moderately motivated in College Physics for Health Sciences during the academic year 2005 – 2006. Majority of the AHSE sophomore students who belong either in special science class or regular class during their high school have positive attitude toward College Physics for Health Sciences. In addition, majority of the AHSE sophomores who graduated either in public high school or private high schools have positive attitude towards College Physics for Health Sciences and majority of them who attended Physics classes regardless of time schedule have positive attitude towards College Physics for Health Sciences. Majority of the AHSE sophomore students regardless of their grades in high school physics have positive attitude towards College Physics for Health Sciences. Moreover, AHSE sophomore students who performed high in College Algebra have positive attitude towards College Physics for Health Sciences and those who performed low in College Algebra have negative attitude towards College Physics for Health Sciences. Majority of the AHSE sophomores performed low performance in College Physics for Health Sciences whether they belong to special class or regular class during their high school, performed low whether they graduated in private high schools or public high schools and

whether they attended in any time schedule of physics classes. AHSE sophomores who performed high in high school physics, College Algebra and General and Inorganic Chemistry perform high in College Physics for Health Sciences and those who performed low in high school physics, College Algebra and General and Inorganic Chemistry also perform low in College Physics for Health Sciences during the academic year 2005 – 2006. Academic performance of AHSE sophomore students is determined by their level of motivation, and attitude towards College Physics for Health Sciences during the academic year 2005 – 2006. Students with high level of motivation also performed high in College Physics for Health Sciences and students with positive attitude towards College Physics for Health Sciences performed high in the subject.