

The influence of academic attitude and self-efficacy towards students achievement in private higher learning institution, Malaysia

ABSTRACT

This study aimed to examine the influence of two constructs – academic attitude and academic self-efficacy in mathematics – and their influence towards students' mathematics achievement. For this purpose, a sample of 200 allied health college students was randomly selected from two campuses of Masterskill Global College (formerly known as Masterskill College of Nursing and Health). The questionnaire was a combination of two sets of inventories that had been modified to suit the purpose of study. They were the Attitude towards Mathematics Inventory (ATMI) and College Academic Self-Efficacy Scale (CASES). Two statistical procedures were utilized to examine the demographic and data analyses, which were descriptives and inferential statistics. The analyses reported respondents had high and positive mean score on both constructs, and there were also significant difference in respondents' mean score based on campuses and mathematics achievement grades. Moreover, different construct significantly influence achievement in mathematics. Thus, for future research purposes, it is hoped that other contributing factors will be studied on, so as to fill this knowledge gap. Additional research could also be conducted in other allied health colleges.