Identification and analysis of entry level characteristics that predict success on nursing board licensure: study of a selected vocational nursing program in Texas

Abstract
This study investigated 18 discrete demographic, academic, and experiential learner entry characteristics of graduates from a selected vocational nursing program to determine which characteristics were relevant in predicting success on the state licensure examination, NCLEX-PN. An analysis of these characteristics contributed to the development of a model designed to more effectively counsel and advise prospective vocational nursing students in community college settings. The population for this study consisted of students who graduated from the licensed vocational nursing program at Kingwood College during a four-year period, from the nine classes beginning January 1997 through January 2001. During this time, there were 240 graduates but one file was eliminated because of incomplete information; thus the resulting study size was reduced to 239. This retrospective study utilized archival data collected from academic records. Chi square analysis suggested statistical significance between six of the independent variables studied and the single dependent variable of successfully passing the NCLEX-PN on the first attempt. The six independent variables that demonstrated statistical significance were ethnicity, method of high school completion, pre-nursing grade point average, reading assessment score on the TASP Test, developmental reading coursework, and developmental writing coursework. Additional analysis through logistic regression suggested that the independent variables of ethnicity, method of high school completion, pre-nursing grade point average, and reading assessment score on the TASP Test were the best combination of predictive measures for passing the NCLEX-PN on the first attempt.

URI
http://hdl.handle.net/1969.1/5020

Subject
Nursing
Licensure

Collections
Electronic Theses, Dissertations, and Records of Study (2002– )

Citation
Increasingly, baccalaureate nursing programs are relying on standardized nursing aptitude tests to evaluate the readiness of applicants for the nursing major. However, reliable predictors of early academic achievement have yet to be identified. The purpose of this study was to explore whether scholastic aptitude and nursing aptitude are predictive of early academic achievement in a baccalaureate nursing program. Using an exploratory descriptive design, data from 164 sophomore nursing students were examined. The data indicated that scholastic aptitude and nursing aptitude together predicted 0.20. The study involved four culturally relevant characteristics of Filipino nurses: caring, compassion, commitment and connectedness. 1. What are the scores of the students in the Nursing Aptitude Test and the Philippine Nursing Licensure Examination? 5 Philippine Nursing Licensure Examination and analysis of the correlation of the performance of the students in the Nursing Aptitude Test and the different subjects of the Philippine Nursing Licensure Examination. The studies on nursing achievement usually correlated other cognitive measures such as critical thinking abilities with skills. 12 Disposition Inventory) did not significantly predict the NCLEX scores. grades.