

Practical Nursing Attrition Analysis

Admissions criteria for 53 MCCC Practical Nursing (PN) students who entered the program between 2015 and 2017 were examined to create a model to differentiate between successful and unsuccessful student outcomes.¹ Successful students were graduated or currently enrolled, whereas unsuccessful students had withdrawn or failed. Students' entering grades for ENGL-151, PSYCH-151, BIOL-157, and BIOL-158 were used as predictors of success. Transfer grades were used for transfer students. A discriminant analysis indicated that the course grades did not predict PN program outcomes, $\Lambda = .92$, $\chi^2(4, N = 53) = 4.35$, $p = .36$. The addition of GPA did not improve the model.² This analysis suggests that making ENGL-151, PSYCH-151, BIOL-157, and BIOL-158 admissions criteria stricter would not be useful for increasing program completion.

Footnotes

¹ The actual number of students was 62; three were excluded for missing multiple data points, and six for missing only BIOL-158 data.

² Including GPA decreased the sample size ($N = 44$), as many students did not have GPA data.