

Investigating the Effect of Study Plan and Homework on Student's Performance by Using Web Based Learning MyMathLab

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Abstract : In Summer 2012, the Foundation Program Unit of Qatar University has started implementing new ways of teaching Math by introducing MML (MyMathLab) as an innovative interactive tool to support standard teaching. In this paper, we focused on the effect of proper use of the Study Plan component of MML on student's performance. Authors investigated the results of students of pre-calculus course during Fall 2013 in Foundation Program at Qatar University. The results showed that there is a strong correlation between study plan results and final exam results, also a strong relation between homework results and final exam results. In addition, the attendance average affected on the student's results in general. Multiple regression is determined between passing rate dependent variable and study plan, homework as independent variable.

Keywords : MyMathLab, study plan, assessment, homework, attendance, correlation, regression

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