

# **STUDYING THE EFFECTIVENESS OF MYOMLAB IN TEACHING OPERATIONS MANAGEMENT**

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## **ABSTRACT**

Operations Management is one of the core courses required by most business programs. For many business students it is a challenging course involving both concepts and quantitative techniques. Many students consider this course as one of the quantitative courses like Business Statistics courses which require students to practice their homework assignments. Students may fail the course if they did not practice enough to prepare for the tests. The consequence of that is they had to repeat the course in order to graduate or even delay their graduation. One way to prevent or minimize failure rate is to prepare students well for the exams through regular quizzes and homework assignments. Students may not like them because they have to spend their time and effort in doing them. But instructors also have to spend a lot of time in grading them. Myomlab can come to the rescue of instructors. In 2010, about 14,000 students in the US used MyOMLab. Our research question is whether using myomlab increases student learning. For this, we will analyze the following items: (a) Comparison of perception and reality of myomlab effectiveness, and (b) Correlation of quiz and homework grades in myomlab and test grades. The results of this study would be useful to the instructors of Operations Management in deciding whether to use myomlab in their classes.