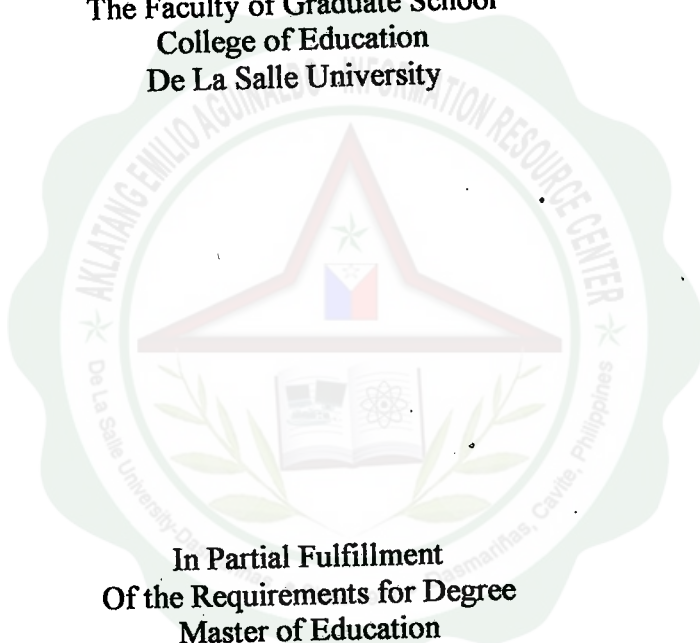


**A Comparative Study on the Effectivity of Using Handouts in the Performance of
Freshmen Industrial Engineering Students of De La Salle University-Dasmariñas
SY 2000-2001**

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Presented to
The Faculty of Graduate School
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By

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ABSTRACT

The researcher conducted a study to determine the effectivity of using handouts in the teaching-learning process and if it helps increase the performance of DLSU-Dasmariñas freshmen IEE students.

It aims to investigate if there is a significant relationship between the performance of students using handouts as aid to the teaching-learning process and if there is a significant difference or gains in the pre and post test scores of students, their mean differences, standard deviation and median are also compared.

A 20 item-pre validated teacher made test was administered to seventy (70) as pre-test and post-test instrument utilized in the study. The experimental group (with handouts) was composed of 32 heterogeneous students and 38 heterogeneous students as control group (without handouts). Since the classes are intact or regular, randomization of samples was no longer done so as not to change the schedules of the subjects who happen to be the researcher's students also during that data gathering period.

Using the pre-test and posttest scores, mean differences, and other measures of central tendency as statistical methods of analysis, it was shown that the experimental group has higher gain scores whereas, the student samples treated without the use of handouts emerged with a lower performance.

To find if there was a significant difference in the posttest scores of students, the null hypothesis was tested using the non-directional two-tailed t-test. With a computed t being greater than the critical ratios at both .01 and .05 level of confidence, the hypothesis was rejected and therefore the study was proven that there is a significant difference on the performance of the students using the handouts.

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