

# DE LA SALLE UNIVERSITY

## EFFECT OF CONGRUENCE BETWEEN MEDIUM OF INSTRUCTION AND TESTING IN ASSESSING STUDENTS' ACHIEVEMENT IN GENERAL COLLEGE CHEMISTRY

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A  
THESIS  
PRESENTED TO

THE FACULTY OF THE GRADUATE SCHOOL  
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by

EVALINA GABAY RIGONAN

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AKLATANG EMILIO AGUINALDO



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## ABSTRACT

Title: Effect of Congruence Between Medium of Instruction and Testing in Assessing Students' Achievement in General College Chemistry

Researcher: Evalina G. Rigonan

Degree: Master of Science Teaching, Major in Chemistry

School: De La Salle University

This study was an attempt to determine the differential effects of the congruence or non-congruence between medium of instruction and testing on students' achievement. The language of instruction used was English and mixed(English--Filipino) and the medium of testing was also in English and mixed. Items in the achievement test include : atomic structure, chemical bonding and stoichiometry. This study was conducted at Mariano Marcos State University, Batac campus, using first year engineering students.

Results of this study reveal that the language of instruction has no effect on the language of testing. Students are not affected by the language used in teaching when it comes to taking the test in English or mixed language. As regards the language used in testing, the achievement of students who took the test where the language is mixed is higher.



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