

**PROPOSED COMPUTER AIDED INSTRUCTION
SOFTWARE IN T.L.E.FOR HIGH SCHOOL STUDENTS**

A Thesis

Presented to the Faculty of the
College of Communication and Information Technology
Ramon Magsaysay Technological University
Main Campus, Iba Zambales

In Partial Fulfillment
Of the Requirements for the Degree
Bachelor of Science in Computer Science

by
Harold Readores
Mary Elaine P. Hilario
Rowena M. Blanco

March 2012

Approval Sheet

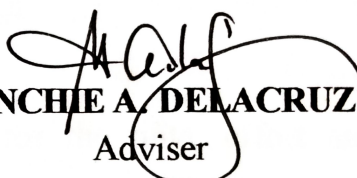
Republic of the Philippines
Ramon Magsaysay Technological University
COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY
Main Campus, Iba, Zambales



In partial fulfillment of the requirements for the degree
Bachelor of Science in Computer Science

COMPUTER AIDED INSTRUCTION SOFTWARE IN T.L.E FOR HIGH SCHOOL STUDENTS

has been prepared and submitted by Harold Readores, Mary Elaine P. Hilario, and Rowena M. Blanco who are hereby recommended for oral examination on March 16, 2012.


MENCHIE A. DELACRUZ
Adviser

Approved by the Panel of Oral Examiners:



CARLO C. AYRAN
Member


DAIMEL D. DELOS REYES
Member


RICKY S. BARRERA
Member


GEOFREY S. SEPILLO
Member

Accepted as requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE.**


FRANCO D. NERO, MSIT
Dean, CCIT

ABSTRACT

This study aimed to determine the level of efficiency of the Traditional Teaching Method for High School Students and the Proposed Computer Aided Instruction Software in T.L.E for High Students correlated with the selected profile variables.

The descriptive method of research was used in the study with the questionnaire as main instrument in gathering data. Interviews and observations were also utilized to validate findings. The respondents were fifteen (15) students and fifteen (15) T.L.E teachers. The statistical tools were percentage, weighted mean, variance, and T-test.

Based on the findings of the study comparing the effectiveness of the traditional teaching method and the proposed computer aided instruction software in T.L.E for high school students, the researchers found out that the proposed system is Much Efficient in terms of security, reliability, functionality, performance, and maintainability compared to the traditional teaching method used by the high school teachers in T.L.E. Therefore, the researchers concluded that the proposed computer aided instruction software in T.L.E for high school students should be implemented for the different secondary schools in Zambales.