

**PROPOSED COMPUTER-AIDED INSTRUCTION SOFTWARE  
IN FILIPINO FOR THIRD YEAR HIGH SCHOOL STUDENTS  
OF BOTOLAN NATIONAL HIGH SCHOOL**

**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**

**Rachel A. Arigo  
Rachelle Ann D. Hilario  
Marilou S. Munar**

**March 2012**



**APPROVAL SHEET**  
Republic of the Philippines  
**RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY**  
Iba, Zambales

**COLLEGE OF COMMUNICATION AND INFORMATION  
TECHNOLOGY**

A research study presented to Faculty of the College of Communication and Information Technology in partial fulfillment of the requirement of the Degree: Bachelor of Science in Computer Science (BSCS) entitled:

**PROPOSED COMPUTER-AIDED INSTRUCTION SOFTWARE  
IN FILIPINO FOR THIRD YEAR HIGH SCHOOL STUDENTS  
OF BOTOLAN NATIONAL HIGH SCHOOL**

has been prepared and submitted by Rachel A. Arigo, Rachelle Ann D. Hilario and Marilou S. Munar who are hereby recommended for oral examination.


  
**PROF. MENCHIE DELA CRUZ**

Thesis Writing Adviser

Approved by the Committee of oral Examiners:

  
**DAIMEL D. DELOS REYES**

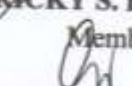
Member

  
**ENGR. RICKY S. BARRERA**

Member

  
**CARLO C. AYRAN**

Member

  
**GEOFFREY S. SEPILLO**

Member

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

March 15, 2012

  
**ENGR. FRANCO D. NERO**

Dean, CCIT

## **ABSTRACT**

**TITLE:** **PROPOSED COMPUTER AIDED  
INSTRUCTION SOFTWARE IN FILIPINO  
FOR THIRD YEAR HIGH SCHOOL STUDENTS  
OF BOTOLAN NATIONAL HIGH SCHOOL**

**RESEARCHERS:** **Rachel A. Arigo  
Rachelle Ann D. Hilario  
Marilou S. Munar**

**DEGREE:** **Bachelor of Science in Computer Science**

**DATE OF ORAL DEFENSE:** **March 15, 2012**

**INSTITUTION:** **Ramon Magsaysay Technological University  
College of Communication and Information  
Technology**

**ADVISER:** **Prof. Menchie Dela Cruz**



This study aimed to determine the level of effectiveness of the Current Method of Instruction and the Proposed Computer-Aided Instruction Software in Filipino for third year high school students of Botolan National High School and correlate the selected profile of the variables.

The descriptive method of research was used in the study with the survey form as main instrument in gathering data. Interviews and observations were also resolved to validate findings. The respondents were twenty-five (25) students and five (5) teachers, collectively thirty (30) respondents. The statistical tools were percentage, likert scale, average weighted mean and T-test.

Based on the findings of the study comparing the effectiveness of the current method of instruction and the proposed computer-aided instruction in Filipino, the researchers found out that the proposed computer-aided instruction in Filipino is Very Much Effective in terms of motivation, discussion of the lesson, aesthetic features, drill and exercises; and evaluation while current method of instruction is Much Effective. The current method of instruction gathered a total of 3.99 computed weighted mean which is interpreted as Much Effective while the proposed computer aided instruction has a total of 4.64, qualitatively interpreted as Very Much Effective. Therefore, the researchers concluded that the proposed computer-aided instruction in Filipino should be implemented at Botolan National High School for their effective way of teaching.

It is further recommended to the owners to encourage the users on the software familiarization through continuous computer literacy education. And also conduct a similar study on computer-aided instruction in Filipino which is wider in scope.