COMPUTER AIDED INSTRUCTION SOFTWARE IN PHYSICAL EDUCATION THREE (3) FOR SECOND YEAR STUDENTS OF RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY

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 of
Bachelor of Science in Computer Science

by

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APPROVAL SHEET

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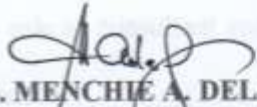**RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY**
Iba, Zambales

COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY
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has been prepared and submitted by Juvy C. Velasco, Clarence Y. Marzal, Andrea S. Salazar, and Jomar T. Montefalcon, who are hereby recommended for oral examination on March 16, 2012.
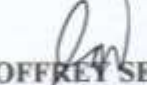
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ABSTRACT

The aimed of the study was the development a Computer Aided Instructional Software in Physical Education 3 for second year students of Ramon Magsaysay Technological University, Iba, Zambales.

The researchers used descriptive research design to show and determine perception of the respondents on the level of effectiveness of the current traditional teaching and proposed computer aided instructional software in Physical Education 3. The main goal of this type of research is to describe the data and characteristics about what is being studied. The idea behind this type of research is to study frequencies, averages, and other statistical calculations. Although this research is highly accurate, it does not gather the causes behind a situation.

The questionnaire was the main instrument used in gathering the data as basis for the evaluation. The researcher also made used the unstructured interviews and observation during the testing of the Computer Aided Instructional Software in Physical Education 3.

Researchers used convenience sampling. The respondents were those present or available during the study.

From the significant findings of the study, following conclusions were drawn. A typical respondent is a 22.28 year old female student. The respondents perceived the current teaching method in Physical Education 3 as much effective in terms concept presentation and skills acquisition and effective in terms of retention and evaluation. The respondents perceived the proposed computer aided instruction in Physical Education as very much effective in terms of retention and effective in terms of concept presentation, skills acquisition and evaluation. There

is no significant difference on the effectiveness of the current traditional teaching and proposed computer-aided instructional software in Physical Education 3 as perceived by the respondents in terms of concept presentation. There is significant difference on the effectiveness of the current traditional teaching and proposed computer-aided instructional software in Physical Education 3 as perceived by the respondents in terms of skills acquisition, retention and evaluation. There is no significant difference on the effectiveness of the proposed computer aided instruction as perceived by the respondents when grouped according to age, sex and civil status. Based on the conclusions established, researchers strongly recommended to have further modification of the proposed computer aided instructional program in Physical Education 3 for more improvements.