



**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

**COMPUTER AIDED INSTRUCTION: COMPUTER SYSTEM SUITS (NC-II)  
AS SUPPLEMENTARY TOOL FOR TESDA ASSESSMENT  
MASINLOC, ZAMBALES**

**A Thesis  
Presented to  
The Faculty of the College of Communication and Information Technology  
President Ramon Magsaysay State University  
Masinloc, Zambales**

**In Partial Fulfilment  
Of the Requirement for the Degree  
Bachelor of Science in Information Technology**

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**APPROVAL SHEET**  
Republic of the Philippines  
College of Communication and Information Technology  
President Ramon Magsaysay State University  
Masinloc, Zambales




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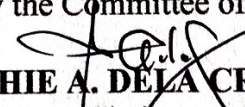
A research study presented to the faculty of the College of Communication and Information Technology in partial fulfillment of the requirement for the Degree Bachelor of Science in Information Technology:

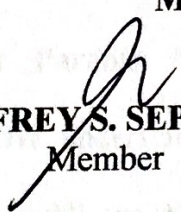
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Has been prepared and submitted by Arvi E. Ecalnir, Andrew M. Agaton, Peter A. Ortaliza, Kenneth G. Menor, Noli B. Polon, Samuel S. Roque.  
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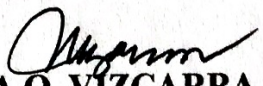
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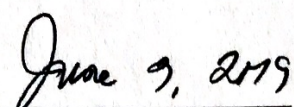
  
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### ABSTRACT

This study aimed to develop a system entitled Computer Aided Instruction: Computer System Suits (NC-II) as Supplementary Too for TESDA Assessment Masinloc, Zambales which was evaluated by the respondents in terms of acceptability and software quality. The researchers made use of descriptive research and utilized the questionnaire as the main instrument to gather the necessary information. Statistical Tools like percentage, weighted mean, ANOVA and likert scale were the means to arrive at the summary, conclusion and recommendations of this study.

The trainee's evaluation on the level of system quality of the Computer Aided Instruction: Computer System Suits (NC-II) as Supplementary Tool for TESDA Assessment (Masinloc, Zambales) as interpreted as Excellent.

The trainee's evaluation on the level of acceptability of the Computer Aided Instruction: Computer System Suits (NC-II) as Supplementary Tool for TESDA Assessment (Masinloc, Zambales) as interpreted as Very Acceptable.

There is significant difference on the respondents' evaluation on the system quality of the Computer Aided Instruction: Computer System Suits (NC-II) as Supplementary Tool for TESDA Assessment (Masinloc, Zambales) in terms of Functional Sustainability, Compatibilty, Usability, Reliability, However. There exists a significant difference on the respondents' evaluation on the system quality of the Computer Aided Instruction in terms of Performance Efficiency, Security, Maintainability, Portability.





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Based on the summary of the investigations and conclusions arrived at, the researchers have offered the following recommendations.

The researchers recommended that TESDA assessment should adapt the Computer Aided Instruction: Computer System Suits (NC-II) as Supplementary Tool. Continuous innovation and upgrade of the application must be done in order to adapt to the fast changing technology of the industry. The future researchers could use this application as foundation for their study.

### 1 INTRODUCTION

Background of the Study

Statement of the Problem

Scope and Limitations of the Study

Significance of the Study

### 2 FRAMEWORK OF THE STUDY

Review of Related Literature and Related Studies

Theoretical Framework

Conceptual Framework

Definition of Terms

### 3 METHODOLOGY

Research Method

System Engineering Approach