



De La Salle University - Dasmariñas

**ONLINE COMPUTER AIDED INSTRUCTION IN GENERAL CHEMISTRY  
WITH LABORATORY AND INORGANIC CHEMISTRY FOR COLLEGE  
STUDENTS IN PHILIPPINE CHRISTIAN UNIVERSITY  
DASMARIÑAS**

A Capstone Project  
Presented to  
the Computer Studies Department  
College of Science and Computer Studies  
De La Salle University – Dasmariñas

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of the Requirement for the Degree of  
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### ABSTRACT

Computer Aided Instruction (CAI) is a software designed to improve the academic performance and learning of the students. It provides different ways of teaching online. The system is implemented in order to improve the academic performance of students in Philippine Christian University who are taking the course General Chemistry with Laboratory and Inorganic Chemistry.

The main purpose of CAI is to serve as an online tutor, online review and book which responds the student needs. Existing system in CAI focuses on lectures and discussions. CAI provides different methods of learning, it includes video and audio presentations, simulations, games and quizzes.

The implementation of CAI requires a supervision of the teacher as well as a continuous web hosting for the site to remain viewable.

The proponents survey the teacher and the students in order to know their ratings as well as their opinions and feedbacks about the system.



## TABLE OF CONTENTS

<b>TITLE</b>	<b>PAGE</b>
<b>CHAPTER 1: INTRODUCTION</b>	8
1.1 Project Context	8
1.2 Purpose and Description	10
1.3. Statement of Objectives	15
1.4 Scope and Limitations	17
<b>CHAPTER 2: REVIEW OF RELATED LITERATURE</b>	21
<b>CHAPTER 3: METHODOLOGY</b>	32
3.1 Research Paradigm	32
3.2 Concept of the Study	36
3.3 Conceptual Operation	40
3.4 Conceptual Process	42
3.5 Operational Definition of Terms	44
<b>CHAPTER 4: PRESENTATION OF RESULTS / FINDINGS</b>	46
4.1 Screen Shots	46
4.2 Development Planning	49
4.3 Evaluations of the Project	52
<b>CHAPTER 5: DISCUSSION/CONCLUSION OF RESULTS/FINDINGS</b>	56
5.1 Result	56



5.2 Conclusion	63
5.3 Recommendation	65
<b>LIST OF REFERENCES</b>	66
<b>APPENDICES</b>	68
Student's Survey	69
Teacher's Survey	71
Context Diagram	73
Data Flow Diagram	74
Child Diagram	75
Sample Survey	77
Curriculum Vitae	78

