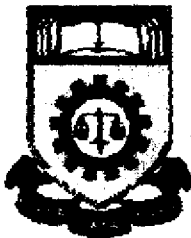


**MECHANICAL DESCRIPTION OF THE CD-ROM DRIVE USING
MULTIMEDIA**

**This is presented fulfillment for the award of the
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ABSTRACT

The Multimedia is one of the training tools to provide information to other people. Furthermore with the explosive growth of the Internet the multimedia provides an alternative way of communication with others. The combination of text graphic art sound animation and video allow interactivity and bring life into software and the multimedia application is now extended for use of corporate presentation, as brochures, lessons and training. The aforesaid developments for the use of multimedia escalate since the introduction of CD-ROM. In the past few years, CD-ROM or COMPACT DISC-READ-ONLY MEMORY has emerged as the most cost effective distribution media for any multimedia projects. It's significant new technology enabling millions of bytes of data to be stored on an ordinary compact disc. The main objective of this thesis is to provide information on mechanical description and technical training for people such as engineers on CD-ROM drive technologies. In this thesis presents the mechanical description and information of the CD-ROM drive using multimedia approach. The multimedia software used in this project is Hyper Studio and the users can explore to get information through the Hyper Studio presentation.

TABLE OF CONTENTS

CHAPTER	DESCRIPTION	PAGE
I	INTRODUCTION	
1.1	Introduction	1-2
1.2	Scope of thesis	2-3
1.3	Organisation of the thesis	3
II	COMPACT DISC (CD) OVERVIEW	
2.1	Introduction	4
2.2	Compact disc history	4
2.3	Compact disc media	5
2.4	Media construction and manufacture	5-7
2.5	CD capacity	7
2.6	Type of compact disc	7
2.6.1	CD-Digital Audio (CD-DA)	8
2.6.2	CD-Read Only Memory (CD-ROM)	8
2.6.3	CD-Recordable (CD-R)	9
2.6.4	CD-Rewriteable (CD-RW)	9
2.6.5	CD-Interactive (CD-I)	9
2.6.6	CD-Graphics (CD-G)	9
2.6.7	CD-Video (CD-V)	10
2.6.8	Video CD (VCD)	10

CHAPTER 1

INTRODUCTION

1.1 Introduction

Multimedia has become more important in the life of every man in this world. Due to the current development and the expanding of multimedia world, Malaysia has taken further steps by having Multimedia Super Corridor. The MSC will enhance the electronic information and electronic administration and economic. In the entrance of the new millennium the application of Y2.K to the multimedia will definitely change the life of all individual and the community.

CD-ROM drives are computer peripherals and can either be attached to an installed base of host computer or supplied as part of a complete work station package comprising a host computer, the physical and logical interface and the CD-ROM drive [1].

Despite the strong similarities between audio compact disc technology and the CD-ROM concept, the differences are important ones. The similarities are both deals with the recording, storage and retrieval of digital information. Both use the same physical medium of a laser-read disc, 12 centimeters in diameter and imply a level of worldwide standardization [1].

Nowadays everybody needs to move away from optical disc generalities and focus attention on the CD-ROM itself. Compact disc audio has been the most