

**Higher Technical Institute
ELECTRICAL ENGINEERING DEPARTMENT**

DIPLOMA PROJECT

**A SURVEY ON THE USE OF THE PERSONAL
COMPUTER ON THE DESIGN OF ELECTRICAL
SERVICES OF A BUILDING**

**By
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Project Report submitted by:

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in Electrical Engineering of Higher Technical Institute.

June 1998



*To my father Andreas,
my mother Maro,
my grandmother Niki,
my sister Dina
and to all my friends*

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Introduction

The computers are widely used nowadays and play an important role in our life.

The invasion of computers in all activities of our life is already a fact and the use of them is the only way to the future.

The whole idea of this project is to apply the programs that an electrical engineering is using for the design of electrical services of a building.

The wide large number of calculation and designs is the only reason that an electrical engineering must learn now to use those programs.

I hope this project will help Electrical Engineers to understand the importance and later use of those programs.

The author

Ch. Panayiotou

1.1. Introduction

By contact with various professionals and the guidance of my supervisor I have carried out a research to all the companies of Cyprus about the use of the computer or computer programs in Electrical Installation of a building.