

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

**DESIGN OF THE ELECTRICAL SERVICES OF AN
OUTPATIENTS WARD**

by

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**DESIGN OF THE ELECTRICAL
SERVICES OF AN OUTPATIENTS WARD**

Project Report Submitted by

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*In part satisfaction of the award
of diploma of technician engineer
in electrical engineering of the
Higher Technical Institute, Cyprus*

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I also
dedicate this project
to
my family

ABSTRACT

This project is a design of the electrical services of an outpatients ward.

The objectives of this project are:

1. To design the complete electrical installation of an outpatients ward to include the following:
 - a. power
 - b. lighting
 - c. telephone installation
 - d. nurse call system
2. To provide all necessary diagrams, schedule or materials and costing including labour.

In carrying out the design the I.E.E. wiring regulations 16th edition were taken into account.

In calculating the illumination levels the CIBS code recommendations were taken into account.

CYTA and E.A.C. requirements were taken into consideration.