

DESIGN OF THE ELECTRICAL AND TELECOMMUNICATION  
SERVICES FOR HOTEL APPARTMENTS

Project Report submitted by:

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in part satisfaction of the award of Diploma of  
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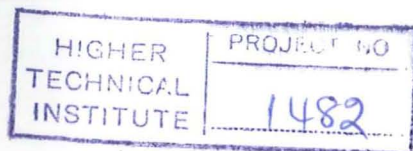
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## S U M M A R Y

This project deals with the design of the electrical and telecommunications services for hotel apartments.

The electrical services include the illumination design for the selection of the appropriate luminaires in each place and the lighting and power design. For the lighting and power design the load is divided into a number of circuits and typical calculations are shown.

Balancing and diversity are applied for the determination of the actual load of the installation and also fault level calculations in order to find the proper breaking capacity of the protective devices.

The telecommunication services include the design of the telephone distribution system which is in full compliance with Cyprus Telecommunications Authority regulations. All the relevant regulations concerning this telephone distribution system design are included in this work.

Also drawings are provided for the electrical and telecommunication services design.

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