

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

**COMPUTER AIDED
TRAFFIC LIGHTS CONTROLLER**

E.1210

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SUMMARY

COMPUTER AIDED TRAFFIC LIGHTS CONTROLLER

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The purpose of this project is to design a Traffic Lights system controlled by a PC. The system will include a PC, system with two cross Traffic Lights and an Interface card for communication between the PC and the Traffic Lights system.

The PC will control by software the sequence of the ON - OFF condition of the lights, and also the time duration of each one colour. The user will have also the possibility to modify the condition of the lights, in sequence or time duration by changing the input data to the PC program.

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