

18/09  
**THE KENYA POLYTECHNIC UNIVERSITY COLLEGE**

**SCHOOL OF SCIENCE ENGINEERING AND TECHNOLOGY**

**DEPARTMENT:** ELECTRICAL AND ELECTRONICS

**PRESENTED BY:** MIKISI THEOPHILUS ASHIIHUNDU

**COLLEGE NO:** 107/00418

**PROJECT TITLE:** ELECTRONIC CIRCUIT BREAKER

**COURSE OPTION:** DIPLOMA IN TECHNOLOGY-ELECTRONICS

**COURSE CODE:** Et 301107

**SUPERVISOR:** MR KALOKI

**PRESENTED TO:** THE KENYA POLYTECHNIC UNIVERSITY

COLLEGE EXAMINATION BOARD IN PARTIAL FULFILMENT OF  
DIPLOMA IN TECHNOLOGY (ELECTRONICS OPTION)

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## **PREFACE**

Due to the emerging technological advancements I found it far much important to design an electronic circuit breaker that can easily detect an overload and hence be able protect the load. The circuit can easily detect the problem and thus provide the required output to the load. The entire project is based on how the overload is detected an how best to rectify it.