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**THE KENYA POLYTECHNIC  
UNIVERSITY COLLEGE**

**ELECTRICAL AND ELECTRONIC ENGINEERING  
DEPARTMENT**

**PRESENTER:** ERIC NG'ANG'A KIENJEKU

**INDEX NO:** 401001052

**PROJECT TITLE:** ELECTRONIC TIMER SWITCH

**COURSE OPTION:** ELECTRONIC ENGINEERING

**COURSE CODE:** 2081/207

**SUPERVISOR:** MR. KAMAU

**EXAM SERIES:** NOVEMBER 2009

**PRESENTED TO:** THE KENYA NATIONAL  
EXAMINATION COUNCIL IN  
PARTIAL FULFILMENT FOR THE  
AWARD OF HIGHER DIPLOMA IN  
ELECTRONIC ENGINEERING

## **PREFACE**

This project involved research, design and construction of an electronic timer switch as the application of the knowledge attained during the course.

The modern technology of integrated circuits and their versatility was implemented and demonstrated. An economically available component like the 555 timer was used and demonstrated credible performance.