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**THE KENYA POLYTECHNIC  
UNIVERSITY COLLEGE**

**ELECTRICAL AND ELECTRONIC DEPARTMENT**

**TRADE PROJECT**

**NAME : JOSEPH MWANGI WANJIRU**

**REG. NO. : 107/08261**

**PROJECT TITLE : THREE POINT INTRUDER  
DETECTOR SYSTEM**

**COURSE OPTION : TELECOMMUNICATION  
ENGINEERING**

**COURSE CODE : Et 302107**

**SUPERVISOR : MR. MUTAI**

**EXAMINATION SERIES: AUGUST 2009**

**POLYTECHNIC UNIVERSITY COLLEGE EXAMINATION  
PARTIAL FULFILMENT OF THE REQUIREMENT FOR  
AWARD OF DIPLOMA IN TECHNOLOGY  
[TELECOMMUNICATIONS OPTION]**

## PREFACE

The objective of this project is to present both theory and practical knowledge of a particular device that is to be designed and constructed. This is to help in wider understanding of various components used in this project. The following is the design and construction of Three Point intruder Detector System. Chapter two gives the literature review and project analysis while chapter three is all about the project design and determination of practical components. Chapter four entails the circuit diagram and its description, components layout, testing procedure and results and finally the project cost.