



No. 2336



# MERU UNIVERSITY OF SCIENCE & TECHNOLOGY

## TRANSCRIPT

**Name of Student:** BENJAMIN MBUU MUTUA  
**School:** INFORMATION TECHNOLOGY AND ENGINEERING  
**Programme:** BACHELOR OF SCIENCE IN COMPUTER TECHNOLOGY

**Registration No:** MUC-CT592-0004/2009  
**Year of Admission:** 2009  
**Year of Study:** FIRST

UNIT CODE	UNIT DESCRIPTION	ACADEMIC HOURS	GRADE
BIT 2102	COMPUTER HARDWARE AND ORGANIZATION	45	B
BIT 2205	NETWORKING ESSENTIALS	45	B
BCT 2101	INTRODUCTION TO COMPUTERS AND OPERATING SYSTEMS	45	A
BCT 2102	SOFTWARE APPLICATION I	45	C
BCT 2103	SOFTWARE APPLICATIONS II	45	A
BCT 2104	PRINCIPLES OF PROGRAMMING LANGUAGES	45	B
BCT 2105	ACCOUNTING SOFTWARE	45	A
BCT 2106	INTERNET	45	A
SMA 2104	MATHEMATICS FOR SCIENCES	45	A
BIT 2104	INTRODUCTION TO PROGRAMMING	45	B
BIT 2106	OPERATING SYSTEMS-I	45	A
BIT 2109	OBJECT ORIENTED PROGRAMMING I	45	C
BIT 2116	NETWORK SYSTEM DESIGN AND IMPLEMENTATION	45	B
BCT 2201	COMPUTING AND COMMUNICATION SKILLS	45	PASS
BCT 2202	PRINCIPLES OF ELECTRICAL ENGINEERING	45	A
BCT 2203	PRINCIPLES OF COMPUTER MAINTENANCE	45	B
SZL 2111	HIV/AIDS	45	PASS

RECOMMENDATION: PASS. PROCEED TO YEAR TWO.

### KEY TO GRADING SYSTEM

- A=70% Above
- B=60% & below 70%
- C=50% & Below 60%
- D=40% & Below 50%
- E=Below 40%

Signed \_\_\_\_\_  
Registrar (Academic, Research & Student Affairs)

Date \_\_\_\_\_

12 SEP 2014





No. 2346

**MERU UNIVERSITY OF  
SCIENCE & TECHNOLOGY****TRANSCRIPT**

**Name of Student:** BENJAMIN MBUU MUTUA **Registration No:** MUC-CT592-0004/2009  
**School:** INFORMATION TECHNOLOGY AND ENGINEERING **Year of Admission:** 2009  
**Programme:** BACHELOR OF SCIENCE IN COMPUTER TECHNOLOGY **Year of Study:** SECOND

UNIT CODE	UNIT DESCRIPTION	ACADEMIC HOURS	GRADE
SMA 2100	DISCRETE MATHEMATICS	45	A
BIT 2110	OPERATING SYSTEMS II	45	A
BIT 2111	COMPUTER AIDED DESIGN	45	A
BIT 2119	MANAGEMENT INFORMATION SYSTEMS	45	A
BIT 2204	NETWORK SYSTEMS AND ADMINISTRATION	45	A
BCT 2205	ELECTRONICS	45	B
BCT 2206	DIGITAL ELECTRONICS	45	B
BCT 2207	MULTIMEDIA APPLICATIONS	45	A
SMA 2101	CALCULUS I	45	A
BIT 2115	OBJECT ORIENTED PROGRAMMING II	45	A
ICS 2203	INTERNET APPLICATION PROGRAMMING	45	A
BIT 2118	APPLICATION PROGRAMMING I	45	A
ICS 2105	DATA STRUCTURES AND ALGORITHMS	45	A
BCT 2301	SYSTEMS DEVELOPMENT	45	A
BCT 2302	ASSEMBLY LANGUAGE	45	A
BCT 2303	SYSTEMS ENGINEERING	45	A
BCT 2212	ATTACHMENT I		PASS

RECOMMENDATION: PASS. PROCEED TO YEAR THREE

**KEY TO GRADING SYSTEM**

A=70% Above  
B=60% & below 70%  
C=50% & Below 60%  
D=40% & Below 50%  
E=Below 40%

Signed \_\_\_\_\_  
Registrar (Academic, Research & Student Affairs)

12 SEP 2014  
Date \_\_\_\_\_





# MERU UNIVERSITY OF SCIENCE & TECHNOLOGY

## TRANSCRIPT

**Name of Student:** BENJAMIN MBUU MUTUA      **Registration No:** MUC-CT592-0004/2009  
**School:** INFORMATION TECHNOLOGY AND ENGINEERING      **Year of Admission:** 2009  
**Programme:** BACHELOR OF SCIENCE IN COMPUTER TECHNOLOGY      **Year of Study:** THIRD

UNIT CODE	UNIT DESCRIPTION	ACADEMIC HOURS	GRADE
SMA 2102	CALCULUS II	45	B
BIT 2203	ADVANCED PROGRAMMING	45	B
BCT 2304	DATABASE MANAGEMENT SYSTEMS	45	A
BCT 2305	DATA COMMUNICATIONS	45	A
BCT 2306	FUNDAMENTALS OF COMPUTER SECURITY TECHNOLOGY	45	A
BCT 2307	PARALLEL AND DISTRIBUTED SYSTEMS	45	A
BCT 2308	SOFTWARE DEVELOPMENT TOOLS AND ENVIRONMENTS	45	A
BCT 2309	OBJECT ORIENTED SYSTEMS DESIGN	45	A
BIT 2305	HUMAN COMPUTER INTERFACE	45	C
ICS 2307	SIMULATION AND MODELING	45	A
BCT 2310	AUTOMATA THEORY	45	A
BCT 2311	COMPILER CONSTRUCTION	45	C
BCT 2312	DATABASE DESIGN AND MANAGEMENT	45	A
BCT 2313	FORMAL SOFTWARE SPECIFICATION METHODS	45	B
BCT 2314	CRYPTOGRAPHY AND COMPUTER SECURITY	45	A
BCT 2315	COMPUTER SYSTEMS PROJECT	45	B
BCT 2412	ATTACHMENT II		PASS
RECOMMENDATION: PASS. PROCEED TO YEAR FOUR			

### KEY TO GRADING SYSTEM

A=70% Above  
 B=60% & below 70%  
 C=50% & Below 60%  
 D=40% & Below 50%  
 E=Below 40%

Signed \_\_\_\_\_  
 Registrar (Academic, Research & Student Affairs)

Date \_\_\_\_\_

12 SEP 2014





# MERU UNIVERSITY OF SCIENCE & TECHNOLOGY

## TRANSCRIPT

Name of Student: BENJAMIN MBUU MUTUA

Registration No: MUC-CT592-0004/2009

School: INFORMATION TECHNOLOGY  
AND ENGINEERING

Year of Admission: 2009

Programme: BACHELOR OF SCIENCE IN  
COMPUTER TECHNOLOGY

Year of Study: FOURTH

UNIT CODE	UNIT DESCRIPTION	ACADEMIC HOURS	GRADE
BIT 2312	CLIENT/SERVER SYSTEMS AND COMPUTING	45	B
BCT 2401	OPERATIONS RESEARCH	45	A
BCT 2402	RESEARCH METHODOLOGY	45	A
BCT 2403	KNOWLEDGE BASED SYSTEMS	45	A
BCT 2404	DECISION SUPPORT SYSTEMS	45	A
BCT 2405	COMPUTER GRAPHICAL SYSTEMS	45	B
BCT 2406	PROJECT RESEARCH AND DEFINITION (EQUIVALENT 2 UNITS)	45	C
BIT 2313	PROFESSIONAL ISSUES IN INFORMATION TECHNOLOGY	45	A
BIT 2212	BUSINESS SYSTEMS MODELING	45	A
BCT 2407	ORGANIZATION AND MANAGEMENT	45	B
BCT 2408	COMPUTER ARCHITECTURE	45	A
BCT 2409	PROJECT MANAGEMENT	45	A
BCT 2410	SEMINAR PRESENTATIONS	45	B
BCT 2411	PROJECT IMPLEMENTATION (EQUIVALENT 2 UNITS)	45	A

RECOMMENDATION: PASS. AWARDED BACHELOR OF SCIENCE IN COMPUTER TECHNOLOGY  
1ST CLASS HONORS

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- A=70% Above
- B=60% & below 70%
- C=50% & Below 60%
- D=40% & Below 50%
- E=Below 40%

Signed \_\_\_\_\_  
Registrar (Academic, Research & Student Affairs)

Date \_\_\_\_\_

12 SEP 2014





Certificate Number  
0434

**MERU UNIVERSITY OF  
SCIENCE & TECHNOLOGY**

*This is to certify that*

***Benjamin Mbuu Mutua***

*having satisfied all the requirements  
for the award of the Degree of*

**BACHELOR OF SCIENCE IN  
COMPUTER TECHNOLOGY**

**FIRST CLASS HONOURS**

*was admitted to the Degree at a congregation  
held at this University*

*on the 29<sup>th</sup> Day of August  
in the Year 2014*

Vice Chancellor



Deputy Vice-Chancellor  
(Academic Affairs)