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10. 12/2021



UNIVERSITY OF NAIROBI

College of Agriculture and Veterinary Sciences
Wangari Maathai Institute for Peace and Environmental Studies

Certificate of Merit

This is to certify that

Annrose Nyambura Mwangi

Having satisfied the requirements of the NEMA approved curriculum in
Integrated Environmental Impact Assessment and Environmental Audit,
which was offered by the Wangari Maathai Institute for Peace and
Environmental Studies, was awarded this certificate in
June 2021

Handwritten signature of Prof. David N. Mungai

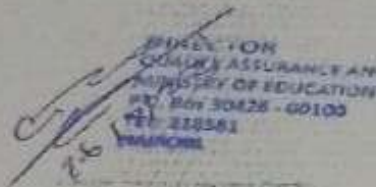
Prof. Prof. David N. Mungai
Director
Wangari Maathai Institute for Peace and Environmental Studies

Handwritten signature of Prof. Nzioka J. Muthama

Prof. Nzioka J. Muthama
Deputy Director / Program Coordinator
Wangari Maathai Institute for Peace and Environmental Studies

UNIVERSITY OF NAIROBI

CERTIFIED TRUE COPY
OF THE ORIGINAL



This is to certify that

Annrose Njumbura Mwangi

having satisfied the requirements
for the award of the degree of the

BACHELOR OF ARTS

Second Class Honours (Lower Division)

was admitted to the degree
at a Congregation held at
this University on the

Second Day of December in the Year
2011

VICE-CHANCELLOR

DEPUTY VICE-CHANCELLOR (ACADEMIC AFFAIRS)



S/No. 0017793

UNIVERSITY OF NAIROBI

UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: MWANGI AMOS ODITVAMBA
 FACULTY: FACULTY OF ARTS
 PROGRAMME: BACHELOR OF ARTS

YEAR OF STUDY: LEVEL FOUR
 REGISTRATION NO: CM/22217/2008
 DATE OF ADOPTION: 26TH MAY 2009

COURSE CODE	DESCRIPTIVE TITLE OF COURSE	ACADEMIC HOURS	GRADE
CGP421	POPULATION GEOGRAPHY	45	D
CGP422	STATISTICAL REASONING AND ANALYSIS	45	A
CGP423	SOIL, WATER AND LAND DEGRADATION	45	C
CGP424	APPLIED REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEM	45	B
CSO401	SOCIOLOGY OF HUMAN SERVICE AND DELIVERY SYSTEMS	45	B
CSO411	SOCIOLOGY OF MASS-COMMUNICATION	45	C
CSW400	GENGEE AND DEVELOPMENT	45	B
CSW404	URBANIZATION	45	B

CERTIFIED TRUE COPY
 OF THE ORIGINAL.

DIRECTOR
 QUALITY ASSURANCE AND STANDARDS
 MINISTRY OF EDUCATION
 P.O. Box 30426 - 00100
 TEL: 319581



RECOMMENDATION

PASS AWARDED THE DEGREE OF BACHELOR OF ARTS AT SECOND CLASS HONOURS, LOWER DIVISION

KEY TO GRADING SYSTEM

A = 75 % - 100 % - EXCELLENT
 B = 60 % - 74 % - GOOD
 C = 50 % - 59 % - SATISFACTORY
 D = 40 % - 49 % - PASS
 E = 0 % - 39 % - FAIL
 * - PASS AFTER RESIT

First Class Honours
 Second Class Honours, Upper Division
 Second Class Honours, Lower Division
 Pass



Date of Issue: 24/01/2012

Signed

Academic Registrar



S/No. 001779

UNIVERSITY OF NAIROBI

UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: AGWANGI AICHROSE NYAMURA
 FACULTY: FACULTY OF ARTS
 PROGRAMME: BACHELOR OF ARTS

YEAR OF STUDY: LEVEL THREE
 REGISTRATION NO: C01/2021/72009
 DATE OF ADMISSION: 26TH MAY 2021

COURSE CODE	DESCRIPTIVE TITLE OF COURSE	ACADEMIC HOURS	GRADE
CGP301	ECONOMIC GEOGRAPHY	45	B
CGP302	RESEARCH METHODS AND FIELD WORK	45	C
CGP303	REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEMS (GIS)	45	B
CGP304	ENVIRONMENT AND DEVELOPMENT IN AFRICA	45	B
CSO301	SOCIOLOGICAL THEORY II	45	C
CSO302	QUALITATIVE RESEARCH METHODS	45	D
CSO303	SOCIAL CHANGE AND DEVELOPMENT	45	C
CSO304	SOCIAL STATISTICS II	45	D
DCO305	CUNTEMPORARY MORAL ISSUES	45	B
***** END *****			

DIRECTOR
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 P.O. Box 30428 - 00100
 TEL: 318561

CERTIFIED TRUE COPY
 OF THE ORIGINAL



RECOMMENDATION
 PASS PROCEED TO LEVEL FOUR

KEY TO GRADING SYSTEM

A = 90% - 100% - EXCELLENT
 B = 80% - 89% - GOOD
 C = 70% - 79% - SATISFACTORY
 D = 60% - 69% - PASS
 E = 50% - 59% - FAIL
 F = PASS AFTER RE-SIT





S/No. 001779

UNIVERSITY OF NAIROBI

UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: MURINDI ANDREWS NYAMURIA
 FACULTY: FACULTY OF ARTS
 PROGRAMME: BACHELOR OF ARTS

YEAR OF STUDY: LEVEL TWO

REGISTRATION NO. CH/2221/2008

DATE OF ADMISSION: 28TH MAY 2008

COURSE CODE	DESCRIPTIVE TITLE OF COURSE	ACADEMIC HOURS	GRADE
CC0001	SCIENCE AND TECHNOLOGY IN DEVELOPMENT	45	C
CC0071	PHYSICAL GEOGRAPHY II	45	C
CC0072	SURVEYING & CARTOGRAPHY	45	D
CC0223	HUMAN GEOGRAPHY II	45	D
CC0224	PRINCIPLES OF ENVIRONMENTAL CONSERVATION AND MANAGEMENT	45	D
CP0201	INTRODUCTION TO POLITICAL THEORY	45	D
CP0211	INTRODUCTION TO POLITICAL SOCIOLOGY	45	D
CP0212	INTRODUCTION TO COMPARATIVE POLITICS	45	C
CP0241	INTRODUCTION TO PUBLIC ADMINISTRATION	45	D
CS0201	SOCIOLOGICAL THEORY I	45	D
CS0202	QUANTITATIVE RESEARCH METHODS	45	D
CS0203	SOCIAL STATISTICS I	45	D*
CS0205	RURAL SOCIOLOGY	45	D*

DIRECTOR
 QUALITY ASSURANCE AND STANDARDS
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 P.O. Box 30426 - 00100
 TEL: 36582
 NAIROBI

CERTIFIED TRUE COPY
 OF THE ORIGINAL.



RECOMMENDATION
 PASS PROCEED TO LEVEL THREE

KEY TO GRADING SYSTEM

A = 70 % - 100 % - EXCELLENT
 B = 60 % - 69 % - GOOD
 C = 50 % - 59 % - SATISFACTORY
 D = 40 % - 49 % - PASS
 E = 0 % - 39 % - FAIL
 * - PASS AFTER RESIT

Date of Issue: 28/10/2012





S/No. 001779

UNIVERSITY OF NAIROBI

UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: AIRWAHII ABERGUTUYAMURUA
 FAC/SCH/INSTE: FACULTY OF ARTS
 PROGRAMME: BACHELOR OF ARTS

YEAR OF STUDY: LEVEL ONE
 REGISTRATION NO: CU/2217/2008
 DATE OF ADMISSION: 26TH-MAY-2008

COURSE CODE	DESCRIPTIVE TITLE OF COURSE	ACADEMIC HOURS	GRADE
CC0001	COMMUNICATION SKILLS	45	B
CC0010	HF/AIDS	45	A
CGP105	PHYSICAL GEOGRAPHY I	45	B
CGP106	THE EAST AFRICAN ENVIRONMENT	45	B
CGP107	HUMAN GEOGRAPHY I	45	A
CGP108	MAP AND AERIAL PHOTO INTERPRETATION	45	C
CP0101	INTRODUCTION TO POLITICAL SCIENCE	45	B
CP0102	POLITICS AND GOVERNMENT IN AFRICA	45	D
CP0103	BASIC CONCEPTS IN POLITICAL SCIENCE	45	D
CP0104	POLITICS AND GOVERNMENT IN ASIA	45	C
CS0101	INTRODUCTION TO SOCIOLOGY	45	A
CS0102	INTRODUCTION TO ANTHROPOLOGY	45	B
CS0103	INTRODUCTION TO COMPARATIVE SOCIOLOGY	45	B
CS0104	THE SOCIALIZATION PROCESS	45	B
*****END*****			

DIRECTOR
 QUALITY ASSURANCE AND STANDARDS
 MINISTRY OF EDUCATION
 P.O. BOX 30425 - 00100
 TEL: 318551
 NAIROBI

CERTIFIED TRUE COPY
 OF THE ORIGINAL



RECOMMENDATION
 PASS PROCEED TO LEVEL TWO

KEY TO GRADING SYSTEM

A = 70 % - 100 % - EXCELLENT
 B = 60 % - 69 % - GOOD
 C = 50 % - 59 % - SATISFACTORY
 D = 40 % - 49 % - PASS
 E = 0 % - 39 % - FAIL
 * PASS AFTER RESIT



Date of Issue: 24/01/2012 Signed: _____

Academic Registrar



The Kenya Polytechnic

This Diploma is Awarded to

12/10/03
DIRECTOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 318581
NAIROBI

Annrose Nyambura Mwangi

who successfully completed the recognised course for

Diploma in Environmental Resource Management

*and satisfied the examiners in the prescribed
examination held in*

November 2003 Series Attaining a Credit

SUBJECTS :

Pollution and Waste Management
Water Resources Management
Environmental Impact Assessment
Soil Resources Management
Forest Resources Management
Environmental Law
Range Management
Project Planning
Eco-tourism
Urban Planning, Built Environment & Landscape
Trade Area Project
Business Plan

[Signature]
Chairman
Board of Governors

C/No.200311DERM102/01180

[Signature]
Principal
The Kenya Polytechnic

Date *22/11/04*

1/18/23
DIRECTOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 318581
NAIROBI



The Kenya Polytechnic

DEPARTMENT OF INFORMATION AND LIBERAL STUDIES

Leaving Certificate

This is to certify that

Anrose Nyambura Mwangi

Student Number 102701180

completed the following Course

DIPLOMA IN ENVIRONMENTAL RESOURCE MANAGEMENT

which was undertaken from January 2002 to November 2003
on a Full-Time basis lasting for 6 terms.

The Subjects studied during the Course were as follows:

Introduction to Environmental Resources

Computer Applications

Plant Anatomy and Taxonomy

Greenhouse & Plant Breeding Techniques

Contemporary Land Use Practices

Camping

Administrative Procedures

Geographic Information Systems

Maps, Photogrammetry and Remote Sensing

Environmental Law

Environmental Impact Assessment

Forest Management

Soil Management

Eco-Tourism & Aquaculture

Communication & Personal Competency

Animal Taxonomy

Environmental Ecology

Entrepreneurship Education

Technical Communication

Community Development

Wildlife Management

Global Positioning Systems

Energy Development & Management

Pollution and Waste Management

Water Resource Management

Rangeland Management

Project Planning & Management

Trade Area & Business Plan Projects

[Signature]

REGISTRAR

10.11.2003

DATE

This Certificate is issued to students who have completed their courses. There were no alterations or erasure

AUTHENTIC



THE KENYA POLYTECHNIC

P.O. Box 52428 NAIROBI, Tel: 338231

27 AUG 2021

EXAMINATION RESULT SLIP

NAME: ANNROSE NYAMBURA MWANGI STUDENT No: 102/01180

DEPARTMENT: INFORMATION AND LIBERAL STUDIES

COURSE: DIPLOMA IN ENVIRONMENTAL RESOURCE MGT END OF YEAR: FINAL

EXAM SERIES: NOVEMBER 2003

	SUBJECT	GRADE
1	ENVIRONMENTAL IMPACT ASSESSMENT	4
2	POLLUTION AND WASTE MANAGEMENT	5
3	RANGELAND MANAGEMENT	4
4	WATER MANAGEMENT	5
5	SOIL RESOURCE MANAGEMENT	5
6	FORESTRY MANAGEMENT	5
7	ENVIRONMENTAL LAW	4
8	PROJECT PLANNING	3
9	URBAN PLANNING AND BUILT ENVIRONMENT AND LANDSCAPE	N/A
10	ECO-TOURISM	3
11	TRADE AREA PROJECT	6
12	BUSINESS PLAN	2
13		
14		
15		

Overall Result

CREDIT

Remarks

QUALIFIED FOR AWARD OF DIPLOMA IN ENVIRONMENTAL
RESOURCE MANAGEMENT

Verified by

[Signature]

HEAD OF DEPARTMENT

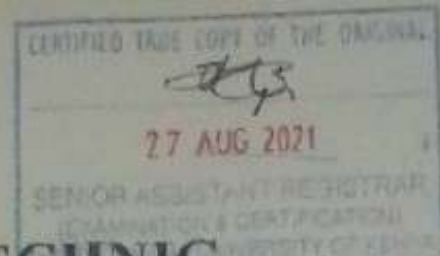
REGISTRAR

Issued by:

[Signature]
KENYA POLYTECHNIC
REGISTRAR FOR PRINCIPAL

DATE: 12/2/04

DATE: 16.02.2004



THE KENYA POLYTECHNIC

P.O. Box 52428 NAIROBI, Tel: 338231

EXAMINATION RESULT SLIP

NAME ANNROSE NYAMBUUA MWANGI STUDENT No. 102/01180
DEPARTMENT INFORMATION AND LIBERAL STUDIES
COURSE DIPLOMA IN ENVIRONMENTAL RESOURCE MGT END YEAR TWO
FINAL
EXAM SERIES MARCH 2003

	Subject	Grade
1	WILDLIFE MANAGEMENT	4
2	ENERGY MANAGEMENT	5
3	GEOGRAPHICAL INFORMATION SYSTEMS	4
4	COMMUNITY DEVELOPMENT	5
5	GEOGRAPHICAL POSITIONING SYSTEMS	3
6	MAPS PHOTOGRAMETRY AND REMOTE SENSING	4
7	TECHNICAL COMMUNICATION	5
8	ADMINISTRATIVE PROCEDURES	4
9		
10		

DIRECTOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 318881
NAIROBI

Overall Result PASS

Remarks PROCEED TO FINAL YEAR

Verified by

Spilberg
Head of Department

Date: 28/5/2003

Issued by:

F
Registrar for Principal

Date: 10.06.2003



CTC
DIRECTOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 318581
NAIROBI

THE KENYA POLYTECHNIC

P.O. BOX 52428 NAIROBI, Tel: 338232

EXAMINATION RESULT SLIP

NAME ANNROSE MWANGI STUDENT No. 102/01180
DEPARTMENT: INFORMATION AND LIBERAL STUDIES
COURSE: ENVIRONMENTAL RESOURCE MANAGEMENT END OF YEAR ONE
FINAL

JULY 2002

EXAM SERIES:

	Subject	Grade
1	CONTEMPORARY LAND USE PLANNING & MANAGEMENT	6
2	COMPUTER APPLICATIONS IN RESOURCE MANAGEMENT	4
3	ENVIRONMENTAL ECOLOGY	6
4	INTRODUCTION TO NATURAL RESOURCE MANAGEMENT	4
5	ENTREPRENEURSHIP EDUCATION	5
6	EQUIPMENT HANDLING AND WILDERNESS SURVIVAL	4
7	ANIMAL TAXONOMY	4
8	PLANT TAXONOMY	4
9	PERSONAL COMPETENCY	5
10	GREENHOUSE AND PLANT PROPAGATION	5

Overall Result

PASS PASS

Remarks

PROCEED TO STAGE TWO

Verified by [Signature]
Head of Department
Principal

Date: 20/11/2002

Issued by [Signature]
Head of Department
REGISTRAR
KENYA POLYTECHNIC
Registrar for Principal

Date: 20.11.2002



UNIVERSITY OF NAIROBI

COLLEGE OF ARCHITECTURE AND ENGINEERING

SCHOOL OF ENGINEERING

Certificate of Participation

This is to certify that

Annrose Nyambura Mwangi

Has participated in

INTRODUCTION COURSE ON AUTOCAD

held in the

School of Engineering

from

4th to 8th February, 2013

DIRECTOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 316681
NAIROBI

[Signature]

24/8/2023

[Signature]

PROF. M.A. ODIRA
DEAN
SCHOOL OF ENGINEERING

ENG. PROF. J.N.K. NJOROGE
PRINCIPAL
COLLEGE OF ARCHITECTURE AND ENGINEERING



UNIVERSITY OF NAIROBI

CERTIFICATE OF ACHIEVEMENT

This is to certify that

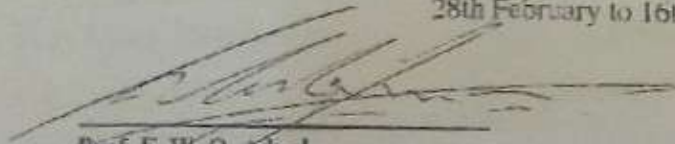
Mwangi Annrose Nyambura

Participated and successfully completed a training program in

Introduction to Geographic Information Systems (GIS)

held at the Department of Surveying, University of Nairobi between

28th February to 16th April 2005


Prof. F. W. O. Aduol
Principal,
College of Architecture & Engineering


Prof. B. N. K. Njeroge
Dean,
Faculty of Engineering

DIRECTOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. BOX 30426 - 00100
TEL: 318581
NAIROBI

16/3/05



University of Nairobi

CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

ANNROSE NYAMBURA MWANGI

CTCO
DIRECTOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30436 - 00100
TEL: 312821
NAIROBI

In recognition of your completion of the short course on *Agent-Based Modeling in Ecological and Social Settings*, jointly organized by Colorado State University and the University of Nairobi's Center for Sustainable Dryland Ecosystems and Societies (CSDS)

12th to 23rd March, 2012 at the College of Agriculture and Veterinary Sciences, University of Nairobi

Prof. Agnes Mwang'ombe

Principal, College of Agriculture and
Veterinary Sciences (CAVS)

Prof. Randall Boone

Colorado State University
Course Instructor

Prof. Jesse T. Njoka

Co-Principal Investigator, CSDS



USAID
FROM THE AMERICAN PEOPLE

Colorado
State
University



HED
Higher Education
for Development



Certificate

QUALITY MANAGEMENT

SYSTEMS

This is to certify that

Annrose N. Mwangi

has attended the

Implementation of ISO 9001:2000

Seminar

conducted in NAIROBI - KENYA

from 6th Feb 2007 **to** 8th Feb 2007

Date 8th Feb 2007

DIRECTOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 318581
NAIROBI

MANAGING DIRECTOR
Kenya Bureau of Standards

Cert - 01

21/8/2023

WAGEMAR INSTITUTE OF PROFESSIONAL STUDIES

CERTIFICATE

This is to satisfy that

ANNROSE N. MWANGI

has successfully completed the course in:

AUTOCAD

To the satisfaction of examiners

Start date 18/12/2012

Finish date 18/02/2013

This certificate is issued under the seal of
WAGEMAR INSTITUTE OF PROFESSIONAL STUDIES

DIRECTOR (WIPS)
EQUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 318581
NAIROBI

21/8/2023
TRAINING MANAGER



WANTECH COMPUTER
COLLEGE
P.O. BOX 440, KALIMONI-Jarja

DIRECTOR
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 318581

Certificate **in** **Information Technology**

This is to certify that
Annrose Nyambura Mwangi
Has completed the Prescribed
modules for the award of a
Certificate in Information Technology

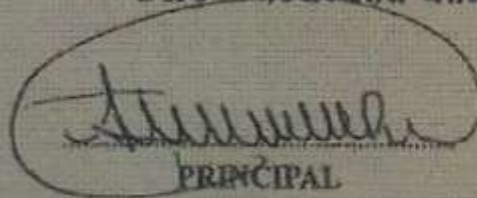
Stage 1 (one)

With order of merit

Pass

on this *Twenty-seventh Day* **of August in the Year**

Two Thousand and One.


PRINCIPAL



This certificate has been issued without any erasure or alteration.

The Kenya National Examinations Council



This is to certify that the candidate named below sat for the Kenya Certificate of Secondary Education examination in the subjects named below and qualified for the award of a

Kenya Certificate of Secondary Education

CHIEF EXAMINATOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 318581
NAIROBI

THE CANDIDATE REACHED THE GRADE SHOWN IN THE SUBJECTS NAMED

MWANGI ANNROSE NYAMBURA

F

205406/018

KAMBAA GIRLS HIGH SCHOOL

101 ENGLISH
102 KISWAHILI
121 MATHEMATICS
234 PHYSICAL SCIENCE
235 BIOLOGICAL SCIENCES
311 HISTORY AND GOVERNMENT
312 GEOGRAPHY
313 CHRISTIAN RELIGIOUS EDUCATION
443 AGRICULTURE

GRADE
C+(PLUS)
D+(PLUS)
E
D (PLAIN)
C-(MINUS)
C-(MINUS)
D+(PLUS)
B-(MINUS)
C+(PLUS)

SUBJECTS NAMED NINE

MEAN GRADE C-(MINUS)

EXAMINATION OF NOVEMBER/DECEMBER 2000

Secretary

Kenya National Examinations Council

This is a secure document using special paper.
Please hold it up to the light to verify that the word
MESSAGE can be seen through the paper.



Chairman

Kenya National Examinations Council

KCSE 1678506

Not valid without a hologram

(See inside)



REPUBLIC OF KENYA

MINISTRY OF EDUCATION

KENYA SECONDARY SCHOOL LEAVING
CERTIFICATE

123
DIRECTOR
QUALITY ASSURANCE AND STANDARDS
MINISTRY OF EDUCATION
P.O. Box 30426 - 00100
TEL: 318581
NAIROBI

KAMBAA GIRLS HIGH SCHOOL

P.O. Box 198 MATATHIA

Admission/Serial No. 1031

THIS IS TO CERTIFY THAT

ANNESE NYAMUNJA Mwangi

entered this school on 14TH JANUARY 1997 and was enrolled in

Form ONE, and left on 24TH NOVEMBER 2000 from

Form FOUR, having satisfactorily completed the approved
course for Form FOUR.

Date of Birth (in Admission Register) 7TH AUGUST 1981

Headteacher's report on the pupil's ability, industry and conduct. She is

of average academic ability. A wildlife club member.

Her conduct is good. XX

XX

XX

Pupil's signature Anne

Date of Issue 6.10.2001

Signature Kimani
Headteacher

This certificate was issued without any erasure or alteration whatsoever

CURRICULUM VITAE

PERSONAL DETAILS

NAME: ANNROSE NYAMBURA MWANGI
SEX: FEMALE
RELIGION: CHRISTIAN
NATIONALITY: KENYAN
MARITAL STATUS: SINGLE
ADDRESS: P.O.BOX 69723 - 00200, NAIROBI
EMAIL: annrose.mwangi@unobi.ac.ke
ID NUMBER: 22566896
MOBILE NUMBER: 0720 892 362

PERSONAL PROFILE:

I am a determined and hardworking person with a clear mind towards commitment to my work and always strive to achieve the goals I set. I believe in self-motivation, being responsible, ambitious and participating in team work especially in problem solving.

EDUCATIONAL BACKGROUND

YEAR	INSTITUTION	ACHIEVEMENT
2021	Wangari Mathai Institute of Peace & Environmental Studies	Certificate Course in Integrated Environmental Impacts Assessment & Environmental Audit - CERTIFICATE
2008 - 2011	University of Nairobi	Bachelor of Arts Geography and Environmental Studies - B.A. DEGREE
2005	University of Nairobi, Dept. of Geospatial and Space Technology	Certificate of Achievement - Introduction to Geographic Information Systems (GIS)
2002 - 2003	Technical University of Kenya	Diploma in Environmental Resources

		Management – CREDIT
2002	Wantech Computer College – Juja	Certificate in Information Technology (IT) – PASS
1997 - 2000	Kambaa Girls High School	Kenya Certificate of Secondary Education (K.C.S.E) – C- MINUS
1989 – 1996	Rev. Musa Gitau Primary School	Kenya Certificate of Primary Education (K.C.P.E.) 407 MARKS

CORE SKILLS

- Team Work Skills And Ability To Lead And Motivate Others – At my laboratory section, I am tasked with timetabling laboratory sessions, grouping students to work in smaller groups and ensuring all of them participate and learn and also marking the laboratory reports.
- Technical Skills – proficient in Soil and Water laboratory analysis, GIS and mapping, Survey & Measurements and Environmental Engineering.

WORK EXPERIENCE

OCTOBER 2018 TO DATE

University of Nairobi, Department of Environmental & Biosystems Engineering

POSITION- Senior Technologist Grade DEF

I am involved in the following duties:

- Conducting student's practicals in Soil and Water Engineering in areas of soil physics, soil mechanics, soil aggregate stability, soil sampling, preparation and drying, textural analysis, water infiltration tests, survey & measurements.
- Assisting in Research work in the Department in areas of Environmental Engineering in terms of waste water quality analysis. Tests for Electrical Conductivity of water, Temperature determination, turbidity analysis and determination of Bio Oxygen Demand as well as Total Dissolved Solids measurements in a given water sample.
- Spearheading all practicals pertaining Environmental Impacts Assessment and Environmental Audit as a unit in Environmental Engineering.

- Conducting student practicals in Geographic Positioning Systems (G.P.S.) and Geographic Information Systems (G.I.S.) as a branch of surveying and map production.
- Conducting undergraduate and postgraduates practicals in Irrigation and Water management and Geotechnical Engineering.
- Proper handling and maintenance of the Environment, Soil and Water lab equipment including calibration and repair.
- Ensuring tidiness of my work environment and availing equipment to be used for practicals as necessary.
- Participation in income generation activities e.g. offering consultancy and soil testing activities.
- Keep and maintain an inventory of equipment and materials in the lab/office.
- In charge of preparation, uploading, Procuring and purchasing of all departmental consumables and materials used for teaching.
- Filling, maintaining and forwarding of minutes of the resolution of public complaints committee.
- Any other official duty assigned to me by the chairman, the Chief Technologist or any other person authorized by them.

2012 – 2018

University of Nairobi, Department of Environmental & Biosystems Engineering

POSITION - Technologist Grade ABC

I was involved in the following duties:

- Conducting and assisting in organizing of student's practicals in soil and water lab in carrying out soil tests analysis.
- Keeping and maintaining an inventory of equipment and materials in the lab/office.
- Taking care of environment, soil and water lab equipment
- Assisting at the chairman's office at Upper Kabete handling all enquiries and drafting student's request letters

2006 – 2012

University of Nairobi, Department of Environmental & Biosystems Engineering

POSITION – Technical Assistant Grade IV

I was involved in the following duties:

- Assisting in undergraduate student's practicals in all thematic areas at the Department.
- In charge of the Departmental Library, supervision of reference reading materials, thesis and issuing of past examination papers to students.
- In charge of the Departmental computer Lab, maintenance of all hardware and software.

SHORT COURSES AND WORKSHOPS ATTENDED

- July 2021 – Awarded a certificate of merit by Wangari Maathai institute for Peace and Environmental Studies after undertaking a course in Integrated Environmental Impact Assessment and Environmental Audit.
- March 2012 – Certificate of participation in completion of a short course – Agent Based Modelling in Ecological and Social Settings, at University of Nairobi, College of Agriculture and Veterinary sciences, Centre for Sustainable Dryland Ecosystems and Societies (CSDSES)
- February 2013 - Certificate of participation in an Introduction course in AUTOCAD held at the University of Nairobi, College of Architecture and Engineering, school of Engineering.
- February 2007 – Awarded ISO 9001: 2000 Certificate for attending a training course in Quality Management Systems at University of Nairobi.
- 2001- Certificate course in Information Technology basically computer applications at Wantech computer college – Juja.

CAREER OBJECTIVE

To always be a model in Environmental Engineering in matters pertaining sustainable resources management and a researcher in Engineering prospectus e.g. conservation of soil and water resources

ACADEMIC REFEREES

1. Prof. Eng A.N. Gitau.

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2. Prof. D.O. Mbugu

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3. Dr. J.P.Obiero.

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The information given above is correct to the best of my knowledge

Sign *[Signature]* Date 11/08/2025

SUMMARY OF TASKS SINCE OCTOBER 2018

1. Conducting practicals in Soil and Water Engineering in the following areas;

- Soil physics – determination of soil textural analysis soil color, soil moisture measurements, soil bulk density, porosity, permeability and infiltration measurements all entailed at applying principles of engineering in soil management and prediction of soil behavior in different environmental field conditions.
- Soil mechanics – mainly applied in geotechnical engineering whereby determination of soil behavior when subjected to stress conditions i.e. Soil triaxial tests. Soil compaction to test strength analysis, aggregate stability, soil classification through particle size distribution using soil classification systems e.g. ASTM standards.
- Irrigation and water management – training students on aspects of irrigation in terms of irrigation classification and types, determining coefficient of uniformity, intensity measurements and advantages and disadvantages of different irrigation systems and also varying water distribution through different irrigation methods that will indicate the distribution pattern and its' effect on soil thus assisting in irrigation designs that are applicable.

2. Environmental Engineering practicals –

- Water quality measurements of domestic water use for drinking and cleaning, carrying out PH measurements, colour, odour, taste, turbidity, Electrical Conductivity, Total Dissolved Solids and temperature measurements.
- Meteorological aspects of weather measurements and how different weather equipment work in terms of describing weather and climate of a given place and the trend over a given span of time. Determining Rainfall intensities, wind speed and direction, temperature both soil and atmospheric, sunshine recording and hydrological water cycle and processes involved.
- Environmental Impacts Assessment and Environmental Audit- Carrying out practicals and field activities that entail Studies of effects of a development project on the environment, whether positively or negatively, mitigating negative effects, auditing and decommissioning of a project. Training students on environmental laws and project cycle as guided by NEMA.

Geographic Information Systems – Imparting knowledge on mapping concepts from field data collection by use of G.P.S gadgets to data entry and analysis thus map production that can be used in decision making. Conducting practicals pertaining the use of google earth as a map production platform and also digitizing and scanning maps.

OTHER OFFICIAL DUTIES

- Participation in Performance Contract as the committee secretary in the Resolution of Public Complaints & Access to Information Committee
- Initializing all sectional procurement activities at the department including developing the procurement plan.
- Assisting at the chairman's office in administration duties.