

# Curriculum Vitae

## Europass Curriculum Vitae

### Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Nationality(-ies)

Date of birth

Gender

Marital Status

**Emmanuel Akweitley**

Presbyterian University College, Box 59 Abetifi-Okwahu

0243570191

emmanuel.akweitley@presbyuniversity.edu.gh

Ghanaian

2 February 1982

Male

Married

### Desired Occupational field Objective

Lecturer and Researcher

To obtain dynamic and challenging opportunity in a professional environment that can make full use of my skill and my abilities.

### Work experience

Dates

9th June, 2017 to 31st July 2017

Occupation and Position held

Act. Head of Mathematics

Dates

31st October, 2016 to 9th November, 2016

Occupation and Position held

Act. Head of Mathematics

Dates

February 2013 to date

Occupation and Position held

Lecturer

Main activities & Responsibilities

Teaching

Scientific research

Preparing and grading exams and homework assignments

Assessing and evaluation of students project work

Contributes to the achievement of the University strategic plans by providing effective management and academic leadership within the department

Presbyterian University College, Ghana.

Name and address of employer

Teaching

Real Analysis

Introduction to Pure Mathematics, Linear Algebra

Differential Equations, Statistics and Probability

Regression Analysis, Introduction to Vector Analysis

Integral Equations, Logic and Sets, Theoretical Mechanics

Dates

September 2009 to January 2013

Occupation and Position held

Mathematics tutor

Main activities & Responsibilities	Teaching of Core and Elective Mathematics
Name and address of employer	Barekese Senior High School
Dates	August 2008 to August 2009
Occupation and Position held	Demonstrator
Main activities & Responsibilities	Teaching and facilitating of tutorial section Grading homework assignments and exams Help to prepare homework assignments and exam questions
Name and address of employer	Department of Mathematics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
Teaching	Differential Equations Real Analysis
Dates	August 2006 to July 2007
Occupation and Position held	Teaching Assistant
Main activities & Responsibilities	Preparing and facilitating of tutorial section Grading homework assignments and exams
Name and address of employer	Department of Mathematics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
Teaching	Linear Algebra Partial Differential Equations

## Education and Training

Dates	September 2007 to June 2009
Title of qualification awarded	Master of Science in Mathematics
Institution	Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
Level in national or international classification	Masters Degree
Dates	August 2002 to May 2006
Title of qualification awarded	Bachelor of Science in Mathematics
Institution	Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
Level in national or international classification	Bachelors Degree (first class honours)
Dates	September 1998 to November 2000
Title of qualification awarded	Senior Secondary School Certificate
Institution	Technology Secondary School, Kumasi, Ghana.
Level in national or international classification	High School Certificate

## Personal skills and competences

Organisational skills and competences

Strong analytical skills: I am able to analyse issues swiftly and solve problems brought to me by my colleagues and students.

Expert skills: Excellent interpersonal and communication skills. Energetic, enthusiastic, positive and self motivated. Good analytically and logically in decision making. Excellent Mathematical skills.

Highly developed teamwork abilities: I have worked in various groups and associations.

Intercultural skills: Ability to understand and cope with different people with different cultural background.

Computer skills and competences

Programming Skills: I am able to use Matlab and LaTeX

Competent in Microsoft office programmes.

Artistic skills and competences

Playing of musical instrument and researching on the internet

## Conferences and Workshop

Conferences attended

Institute of Mathematical Sciences, 16th Regional College on Modelling, Simulation and Optimization at University of Cape Coast, Ghana. 28th April – 3rd May, 2014.

National Mathematical Centre, An international centre of excellence in the mathematical sciences, Banach Algebras Workshop, Abuja, Nigeria. 4th-18th April, 2010

National Institute for Mathematical Sciences, International Conference on Mathematics and its Applications, Accra, Ghana. 16th-20th June, 2009.

Workshop

Faculty Certificate in Online Teaching  
Presbyterian University College, Okwahu Campus, 30th November- 4th December 2015

Academic Staffs Training  
Presbyterian University College, Okwahu Campus, 13th July- 17th July 2015

Institute of Mathematical Sciences, 15th Edward A. Bouchet/Abdus Salam Regional Workshop on Functional Analysis, Differential Equations and Applications, Accra Ghana. 12th-19th July, 2009.

## **Publications and Research**

Akweitley E., Fosu G.O., and Mubarak A. On The Merits of Two Different Topologies on the Dual of a Hilbert space. *Asian Journal of Applied Sciences*, 4(3), 767-770, 2016.

Obeng B.A., Fosu G.O., and Akweitley E. A Mathematical Model on the Dynamics of Student-Lecturer-Sex on Campuses. *Advance in Research*, 6(5), 1-8, 2016

Appiahene P., Opoku M., Akweitley E., Adoba E., & Kwarteng R. Assessing the challenges of Learning and Teaching of Mathematics in Second Cycle Institutions in Ghana. *International Journal of Innovation and Applied Studies*, 6(3), 362-368, 2014.

Mubarak A., Alfred A., Akweitley E., & Haruna I. Source of Photons Pairs using Spontaneous Parametric Down-Conversion Process. *International Journal of Innovation and Applied Studies*, 9(2), 734-743, 2014.

Haruna I., Mubarak A., and Akweitley E. The Network Transportation Problem with Volume Discount on Shipping Cost. *International Journal of Science and Research*, 3(12), 841-843, 2014

### **Incoming Paper**

Modelling Sexual Activities Among Students, A Global Analysis, *International Journal of Mathematics and Computation*, Issue No.4, Vo. 30, 2019, expected in advance by May/June 2019 (with G.O Fosu)

### **Paper in the press**

Arzela-Ascoli Theorem and its Applications (with G.O Fosu)

### **Working Paper**

On the Characteristic Curves for Multi-Regime Traffic Models (with G.O Fosu)

### **Referees**

Dr. E. Prempeh	Dr. Bright Owusu
Senior Lecturer	Lecturer
KUC	Presbyterian University College
Kumasi	Okwahu-Abetifi
00233242058414	0233244389946