

CHRIS KARIUKI KIMANI

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Summary

A resourceful and highly experienced Teaching Assistant Professional with over (6) years' experience, demonstrated success in teaching, motivating, and directing students/staff while maintaining high interest and achievement. Efficient in looking after all the administrative and academic works including keeping the records, registration of students, handling the faculty services, keeping records, office management, handling customer services, bookkeeping, communications, scheduling, data entry and secretarial services and scheduling training. I am exceptionally passionate about educational development; I am skilled in all areas of education including research, educational leadership, administration and curriculum development. Seeking to obtain a position with a dynamic organisation where I can use my energy and skills to develop, motivate, lead and encourage productivity.

Personal Details

Year of birth: 1986

Languages: Fluent in English and Swahili

Education

- **Bachelor of Science in Analytical Chemistry**, Jomo Kenyatta University of Agriculture and Technology (University), Second Class Honors Upper Division, May 2008 to 2011:
- **Diploma in Analytical Chemistry**, The Kenya Polytechnic, Grade: Credit, 2005 - 2007
- **Kenya Certificate of Secondary School Education**, Kiaguthu Boy's School, Grade: B (plain), 2001 to 2004:

Professional Training and Qualifications

- Certificate in Environmental Impact Assessment/Audit Expert- Africa Nazarene University, NEMA Registration No: 4019
- Certificate of participation in undertaking upstream oil Contaminated Site Assessment offered by Global Network on Environment, Oil & Gas in conjunction with United Nation Environment. 30th July, 2019.
- International Computer Driving License (ICDL) – Institute of Advanced Technology

Membership and Associations

- Environmental Institute of Kenya ; Registration Number, EIK/2/767
- National Environment Management Authority Registration Number: 4019

Key Skills and Competencies Acquired

- Ability to teach Chemistry and coordinate laboratory work

- Gained skills in Environmental Management and Impact Assessment
- Well versed in Process Technology, Control, Manufacture and Production, Quality Assurance,
- Extraordinary communication skills with top-quality supervisory abilities
- Capability to coordinate and prioritize the assigned duties in an organized manner
- Possesses critical thinking and problem-solving skills
- Strong interpersonal skills with willingness to help students in taking a career decision
- Exceptional ability to bring lessons to life and engage a room of students to become an interested and eager audience
- Excellent organizational skills with talent for prioritizing, multitasking, and time management
- Extraordinary leadership and interpersonal skills necessary to foster a strong relationship with colleagues and students alike
- Willingness to go beyond what is expected to ensure that each student grasps the materials given and concepts taught
- Outstanding oral and written communication skills, Upbeat, compassionate, and resilient personality
- Demonstrated initiative, sound judgment; proven ability to respond quickly, independently and appropriately to competing priorities under tight deadlines
- Ability to establish effective working relationships with people at all levels
- Good command of Microsoft Office tools, Internet, Statistical Package for Social Scientists (SPSS)

Work History

Graduate Teaching Assistant:

Physical Sciences Department, School of Pure and Applied Sciences

Mount Kenya University, January 2012 to 31st December 2018

Duties and Responsibilities

- Responsible for lecturing in Physical Sciences Diploma Units: Organic, Inorganic, Analytical and General Chemistry
- Setting and Marking examinations
- Academic Trip Supervision
- Training and Student Mentorship Programmes
- Provides leadership and develops appropriate recommendations for the implementation of related technology application in support of enhanced services offered through the physical sciences department

Internship at the Mines and Geological Department Laboratories from March, 2010 to April, 2010.

Position: Chemical Analyst

Activities:

- Sample preparation for geochemical analysis by AAS, XRD and XRF.
- Analysis of rock and soil samples by X-ray Fluorescence spectrophotometer (XRF), X-ray diffractometer (XRD) and Atomic Absorption Spectrophotometer (AAS).
- Preparation of standard reagents.
- Routine general laboratory work e.g. sample drying, pulverization, weighing and sample digestion.
- Analysis of raw water and effluents for chlorides, nitrates, phosphates, sulphates, hardness, chemical oxygen demand (COD) and Biological oxygen demand (BOD) etc.
- Gold analysis as a complex of methyl ethyl butyl ketone using AAS.

Attachment at the Government Chemist Laboratories from November, 2006 to January, 2007.**Position: Laboratory Technician****Activities:**

- Analysis of water, waste water and food samples for their chemical compositions. This included the extraction and quantification of mycotoxins and pesticides in food samples.
- Preparation of Thin Layer Chromatographic Plates for aflatoxin analysis.
- Preparation of standard solutions and reagents.
- Handling analytical instruments under the supervision of a senior laboratory technician i.e. Atomic Absorption Spectrophotometer, Ultra Violet-Visible Spectrophotometer and Gas Chromatograph.
- Recording, calculating and analyzing data obtained from experiments.
- Report writing under supervision of a senior laboratory technician.

Other Significant Experiences

Conducting Environmental Impact Assessment and Environmental Audit; 2014 to date

Referees

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