



**Bringing Scientific and Technical
Resources to the African Continent**

AAS/UV-VIS ADVANCES IN APPLICATION, OPERATION AND VALIDATION & QUANTIFICATION METHODS (5 Days)

Introduction: Atomic absorption spectroscopy (AAS) is a spectroanalytical procedure for the quantitative determination of chemical elements using the absorption of optical radiation (light) by free atoms in the gaseous state.

Ultraviolet–visible spectroscopy or ultraviolet-visible spectrophotometry (**UV-Vis** or **UV/Vis**) refers to absorption spectroscopy or reflectance spectroscopy in the ultraviolet-visible spectral region.

Who should attend? : Scientists, Technologists, Chemical Analysts, and Quality Control Managers in Tertiary Institutions, Research Institutes, and the industrial sector.

What are the benefits?

This workshop is designed to expose and impart practical knowledge to participants on recent state of analytical techniques in AAS, & UV Visible Spectrophotometer, learn the practical operational use of the equipment, care, trouble shooting and maintenance.

Contents

- Basic and advanced concept of Atomic Absorption Spectrophotometer, and UV-Visible Spectrophotometer.
- Components of AAS and UV-Visible Spectrophotometer
- Principles and operation of AAS and UV/Visible spectrophotometer.
- Validation and Data Interpretation.
- Applications of atomic absorption spectrophotometer, and UV/Visible spectrophotometer.
- Trouble shooting and maintenance of AAS and UV/Visible spectrophotometer.
- Installation methods for AAS etc.
- Operational techniques for AAS, etc.

Date	Cost	Venue
19th – 23rd November 2018 Reg: Deadline 5th November 2018	Ksh 46,400.00 or USD 696 (Vat. Inclusive.)	Maseno University - KISUMU

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