



SCHOOL OF SCIENCE AND TECHNOLOGY SHORT COURSES

Introduction

As the country embarks on achieving the Malawi's Vision as enshrined in the Malawi 2063 that focuses on uplifting the nation to an industrialized upper middle-income country by 2063, there is need to provide and promote training in areas that drive the economy. The nation's vision and development agenda hinges on 3 pillars i.e., Agriculture Productivity and Commercialization, Industrialization, and Urbanization. In recognition of such a drive, MUBAS through School of Science and Technology is offering short courses tailor-made to refresh and upgrade low and middle managers who directly participate in economic development through involvement in Water, data analysis, Air, Soil and General Quality Assurance. Therefore, the Malawi University of Business and Applied Sciences through School of Science and Technology, as a development partner of Government, will conduct 2 certificate courses that are part of the modules from the School.

Department of Mathematical Sciences

Short Course 1: Statistical Data Analysis

Target group:

Career professionals, researchers from government and non-governmental organizations, and postgraduate students.

Mode of delivery:

Face to Face including practical sessions, case studies, group work and discussion. Schedule of activities and materials will be shared upon registration.

COURSE CONTENT:

1. Variables and classification of data
2. Sampling and data collection methods using Open Data Kit (ODK)
3. Data presentation
4. Descriptive statistics using SPSS and R

5. Analyzing continuous data using SPSS and R
6. Analyzing categorical data using SPSS and R
7. Task automation, data analysis, and data visualization with Python

Course fee:

MK150,000.00 per participant for 5 days. The course fee covers the course tuition and training materials.

Training dates:

7th to 11th October, 2024

Training Venue:

ODeL training centre located at MUBAS

Department of Physics and Biochemical Sciences

Short Course 2: Food Safety and Hygiene

Target Group:

The training workshop is for those managing, supervising, monitoring or implementing a food services in hotels, lodges and many companies.

Mode of delivery:

The workshop will be face to face. There will be presentations, case studies, group work and discussions.

COURSE CONTENT:

1. Introduction to food hygiene and safety
2. Good Manufacturing Practices (GMPs) and Good Hygiene Practices (GHPs)
3. Personal hygiene
4. Illnesses and injuries in a food factory
5. Food contamination
6. Cleaning, sanitation and waste management
7. Pest control and management
8. Storage and transport of raw materials and products
9. Hazard Analysis Critical Control Point (HACCP) principles

Course fee:

MK150,000.00 per participant for 5 days. The course fee covers the course tuition and training materials.

Training dates:

4th to 8th November, 2024

Training Venue:

ODeL training centre located at MUBAS

Registration process

Register with jmutepuwa@mubas.ac.mw or hmapoma@mubas.ac.mw and make payment to:
Applied Sciences Projects
Account Number: **1001043303**,
National Bank of Malawi; Chichiri;
and send proof of payment to dean-appliedsciences@mubas.ac.mw.

For enquiries contact jmutepuwa@mubas.ac.mw or 0884 568 263, /
hmapoma@mubas.ac.mw or 0991 247 701.