

Makerere University School of Public Health

Fundamentals of Teaching and Learning

Time	Monday 29 th July 2024	Tuesday 30 th July 2024	Wednesday 31 st July 2024	Thursday 1 st Aug 2024	Friday 2 nd Aug 2024
Theme	Materials Development	Learning activities	E-Learning	Learner Support	Learner Assessment
08.00-08.30	Registration, Objectives, Opening Remarks	Summary of previous day	Summary of previous day	Summary of previous day	Summary of previous day
08.30-09.30	Session 1.1 Theoretical Basis of Teaching and Learning Dr. Roy W Mayega	Session 2.1 Teaching Methods and Learning Activities for Large & Small groups. Dr. Roy Mubuuke	Session 3.1 Overview of E-Learning Dr. Roy W Mayega	Session 4.1: Learner Support: Engaging and supporting learners near and distant. Dr. Barbara Kirunda	Session 5.1: Assessment of and for Learning Dr. JB Isunju
09.30-10.30	Session 1.2 Overview of Competency-based Instructional Design Dr. Roy W Mayega	Session 2.2 Overview of Problem-Based Learning (PBL) Dr. Suzanne Kiwanuka	Session 3.2 Tools and Platforms for e-Learning Dr. Roy W Mayega	Session 4.2 Principles of Supervision, Mentorship & Coaching Prof. Pauline Byakika	Session 5.2 Implications of Generative AI tools like ChatGPT on teaching & learning Irene Wanyana
10.30-10.45	B	R	E	A	K
10.45-11.45	Practical 1: Criterion Referenced instructional materials development. Dr. Roy W. Mayega	Keynote Address: Developing & delivering an effective lecture Dr. Rovincer Najjuma	Practical 3: Overview of MUELE/Moodle Jude Oboth	Practical 4: Learner support and effective supervision Dr. Roy W Mayega	Practical 5: A focus on MCQs Dr. Roy W Mayega
Rest of the day	Take home assignment: Develop objectives and structure, for 1 Unit in a course, and content for 1 session in the unit Course Organizers	Take home assignment: Develop 2 embedded learning activities to support teaching of a challenging topic Course Organizers	Take home assignment: Develop & produce 3 small multimedia learning objects: 1) An Audio-over-PowerPoint, 2) An image/graphic-based learning object, and 3) A short-video (new or identified) Course Organizers	Take home assignment: Develop and upload on a learning platform 2 e-learning objects to support/assess students at a distance: 1) An e-Tutorial, 2) A short e-Quiz Course Organizers	Course Evaluation Course Organizers

[This course is supported by the Office of the Dean MakSPH, the Department of Epidemiology and Biostatistics, and ResilientAfrica Network]

The Course Team

Course Lead: Dr. Roy William Mayega (MBChB, MPH, PhD), Senior Lecturer, Instructional Materials Designer/Editor, MPH DE Program, MakSPH; Lead the co-creation of instructional materials for the inaugural MPH DE Program

Course Facilitators

1. **Dr. Roy Gonzaga Mubuuke (PhD)**, Breast Radiology Specialist/Medical Education Consultant/Member HEPI Project Team
2. **Dr. Rovincer Najjuma (PhD)**, Senior Lecturer/Curriculum Specialist, College of Education and External Studies, Makerere University
3. **Dr. Suzanne Kiwanuka (PhD)**, Senior Lecturer/Chair Department of Health Policy, Planning & Management, MakSPH, College of Health Sciences, Makerere University
4. **Dr. Barbara Kirunda (PhD)**, Lecturer, Department of Epidemiology & Biostatistics, MakSPH, MakCHS, Field Coordinator, MPHDE Program
5. **Mr. Jude Oboth, IT Specialist, MakSPH**; 12 years of professional experience managing large organizational computer networks
6. **Prof. Pauline Byakika (PhD)**, Professor of Medicine, Chair Department of Internal Medicine, MakSoM, MakCHS, Head, Mentorship Program MakCHS
7. **Dr. John Bosco Isunju (PhD)**, Lecturer, Department of Disease Control and Environmental Health, MakSPH, MakCHS; Head, COVID Task force on alternative assessment, MakSPH

Support Team

- Ivan Mutyaba, Administrator, Department of Epidemiology and Biostatistics – Admin Support
- Harriet Adong, Communications Specialist, ResilientAfrica Network and MakRIF – Course Communications lead
- Wilson Abigaba, IT Specialist RAN and MakRIF - Course IT Support
- Debbie Namirembe, Senior Administrator, RAN – Admin Support