



REPUBLIC OF KENYA
MINISTRY OF HEALTH




KENYA MEDICAL LABORATORY TECHNICIANS AND TECHNOLOGISTS BOARD

KMLTTB CPD THEMATIC AREAS

*Pursuant to the Medical Laboratory Technicians and Technologists Act,
CAP 253A Laws of Kenya.*

KMLTTB QUALITY ASSURANCE SERVICES

	KMLTTB CPD THEMATIC AREAS		DOCUMENT CONTROL Serial: KMLTTB/CPD/THEME/01
	OWNER THE FORM	REGISTRAR	Revision No. 002 Revision Date: 2ND, JANUARY2026,



NO	PROGRAM
1	Phlebotomy
2	Microscopy
3	Blood Transfusion Science
4	Clinical chemistry
5	Bacteriology
6	Parasitology
7	Virology
8	Immunology
9	Entomology
10	Hematology
11	Mycology
12	Histopathology
13	Health Systems Management
14	Molecular Techniques
15	Good Clinical Laboratory Practices (GCLP)
16	Quality Assurance/Quality control in Medical Laboratory
17	Medical Laboratory Information Management Systems
18	Bio-safety and Bio-Security
19	Quality Management Systems
20	Epidemiology and medical laboratory Research
21	Risk Management
22	Infection Prevention and Control
23	Antimicrobial Resistance
24	Clinical Cytopathology
25	Emerging and Re-emerging Infections
26	Accreditation of Medical Laboratories (ISO 15189-2022)
27	Health professions Education
28	Medical Laboratory Reagents, Validation and Verification
29	Bio informatics and Genomics
30	Digital health
31	Health Economics
32	Gender and health
33	Critical Thinking and intellectual skills



34	Point of care testing (POCT) and Self-Testing
35	One Health
36	Data science and Machine learning/ Artificial Intelligence application in medical laboratory sciences practice.
37	Neglected Tropical diseases
38	Counselling in relation to medical Laboratory sciences, specimen collection analysis, investigations and test results.
39	Pharmacogenetics
40	Effects of climate change in medical m sciences
41	Medical laboratory analysis and investigations in nutrition and dietetics practice
42	Disaster management
43	Occupation health and safety
44	Medical Laboratory Sciences professionals Wellness
45	Medical Professionals Ethics
46	Medical Laboratory sciences practice in relation to mental health
47	Diagnosis and management of Cardio metabolic disorders
48	Medical Laboratory sciences based disease surveillance (MLSBDS)
49	Healthcare entrepreneurship
50	Pharmacology
51	Human physiology
52	Human anatomy
53	Pathophysiology
54	Pharmacovigilance
55	Antiviral Chemotherapy
55	Anti-microbial agents
56	Oncology Medical laboratory practice
57	Medical Laboratory Mathematics
58	Medical laboratory physics
59	Medical laboratory practice in sports medicine
60	Health Geography

