



# KENYA WATER INSTITUTE

Fountain of Water Knowledge



## SHORT COURSES TRAINING PROGRAM JULY TO DECEMBER 2021

Code	Course Name	Target Group	Dates - 2021	Venue	Cost (Ksh)	Remarks	
<b>JULY</b>							
WS05	Non Revenue Water Management	Managers and Supervisors, Technical and Commercial Teams of Water Service Providers Organisations	Class-room training	19th-23rd July (5 days)	Nairobi	22,500	*NR
			On the job training	2nd-7th August (6days)	Embu	24,700	*NR
WS04	Pipe Fitting, Plumbing And Solar Heating	Construction and Pipefitters/Plumbers	19th-23rd July (5 days)	All campuses	22,500	*NR	
EM 02	Electrical Plant Operation & Fault finding	Electro Mechanical Personnel	26th-30th July (5days)	All campuses	22,500	*NR	
WS03	Operation & Maintenance of Water Supply Networks	Water Supply Operators, Water Technicians, Scheme Managers, Electro- mechanical Personnel	26th-30th July (5days)	All campuses	22,500	*NR	
<b>AUGUST</b>							
WQ01	Water Quality sampling and Testing	Lab Technicians, Ground/Surface Water and Water Research Officers	2nd-6th August (5days)	All campuses	22,500	*NR	
MM04	Customer Care and Public Relations	Commercial Staff, Customer Care and Water Technicians	2nd-4th August (3days)	All campuses	15000	*NR	
WS01	Operation & Maintenance of Water Supply Treatment Plants and water supply networks	Water Supply Operators, Water Technicians, Scheme Managers, Electro Mechanical Personnel	9th-13th August (5days)	All campuses	22,500	*NR	
WQ12	Wastewater Quality Testing and Effluent Discharge Standards	Public Health, Environmental Compliance Officers, WSPs	9th-13th August (5days)	All campuses	22,500	*NR	
WW01	Operation & Maintenance of Wastewater Treatment & Disposal Systems	Waste Water Treatment Plant Operators, Waste Water Treatment Plant Supervisors	16th-20th August (5days)	All campuses	22,500	*NR	
<b>SEPTEMBER</b>							
MM09	Report Writing	Water Technicians, Technical staff and Middle Level Managers	1st-2nd September (2days)	All campuses	10,000	*NR	
WQ03	Microbial Water Quality Testing and Standards	Water Quality Laboratory Microbiologist, Public Health officers, Community Based Organization, Water Sanitation & Hygiene Personnel	6th-10th September (5 days)	All campuses	22,500	*NR	
WR08	Proposal Writing	Project Officers, County Executive Officers of Water, Technical Managers, Finance Managers	13th-17th September (5 days)	All campuses	22,500	*NR	



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WQ02	Chemical Water Quality Testing and Standards	Laboratory Technologists, Water Supply Operators, Water Technicians, Scheme Managers, Public Health Staff	13th-17th September (5 days)	All campuses	22,500	*NR
EM07	Pumping Plant Maintenance Management	Asset Managers, Production Supervisors, Maintenance Supervisors	20th-24th September (5 days)	All campuses	22,500	*NR
MM10	Water Governance, Management and Technology	Water companies and sanitation companies' employees, County Government employees, Managers and Supervisors, Technical and Commercial	27th September -1st October (5days)	All campuses		*NR
WS09	Water Safety Planning	Technical Managers, Operation and Maintenance Officers, Catchment Officers, Water Resources Managers, and Water Quality experts	27th September -1st October (5days)	All campuses	22,500	*NR

## OCTOBER

WR04	Water Quality Management	Analytical Chemists Microbiologists, Water Resources Managers, Environmental Enforcement Officers	4th-8th October (5days)	All campuses	22,500	*NR	
WS06	Metering and Installation of Consumer Service Connection	Water Supply Operators, Foremen in Metering, Meter Readers, Plumbers / Pipe Fitters	4th-8th October (5days)	All campuses	22,500	*NR	
MM06	Use of Earth Observation Tools & GIS In support of Integrated Water Resources Management	County Water officers, Water Resources Managers and NGO's in the field of Water Resources Management	25th-29th October (5 days)	All campuses	22,500	*NR	
WS05	Non Revenue Water Management	Managers and Supervisors, Technical and Commercial Teams of Water Service Providers Organisations	Class-room training	25th-29th October (5 days)	Nairobi	22,500	*NR
			On the job training	8th-13th November (6 days)	Embu	24,700	*NR

## NOVEMBER

MM07	Use of GIS and ODK In Mapping of Water Supply Utilities	Managers and Supervisors, Technical and Commercial Teams of Water Service Providers Organisations, GIS Officers	8th-12th November (5 days)	All campuses	22,500	*NR
WS08	Management of Metering, Billing & Revenue Collection	Water Supply Operators, Foremen in Metering, Meter Readers, Customer Care and Billing officers	8th-12th November (5 days)	All campuses	22,500	*NR
WS11	Pipe work Skills for Water Supply and Sewer Systems Water	Supply Operators, Foremen in Metering, Meter Readers, Plumbers / Pipe Fitters	15th-19th November (5 days)	All campuses	22,500	*NR
MM11	Entrepreneurship & Financial Management for Water Managers	Managers and Supervisors, Technical and Commercial Teams of Water Service Providers Organisations	22nd-26th November (5 days)	All campuses	22,500	*NR

## DECEMBER





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WS03	Operation & Maintenance of Water Supply Networks	Water Supply Operators, Water Technicians, Scheme Managers, Electro- mechanical Personnel	6th-10th December (5 days)	All campuses	22,500	*NR
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Applications for Short Courses to be made through the link provided below

[https://docs.google.com/forms/d/e/1FAIpQLSev\\_EksvbkHfNV3R9j1vEtaQ0zUXm5Kcoo3BdBdOFFC3aG5XA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSev_EksvbkHfNV3R9j1vEtaQ0zUXm5Kcoo3BdBdOFFC3aG5XA/viewform?usp=sf_link)

Once granted admission, fees payments should be made through the details given below and a payment slip forwarded through email to:

[info@kewi.or.ke](mailto:info@kewi.or.ke) and copied to [shortcourse@kewi.or.ke](mailto:shortcourse@kewi.or.ke) and [kewikenya@gmail.com](mailto:kewikenya@gmail.com) so as to reach NOT LATER than two weeks before the start of each course.

Group (or institutional) applications can be sent to The Director, Kenya Water institute through the email addresses provided above.

**Payments Details:** All payments to be made to Kenya Water Institute's Account at KCB MOI Avenue Branch, Account No: 1107760585.

Cheques are payable to Kenya Water Institute.

**KEWI also offers tailor made courses for clients upon request.**

**People with disabilities and female are encouraged to apply. For more details call: 0722207757**

## List short courses available at Kenya Water Institute (KEWI)

Below is a list of all short courses that are available at Kenya Water Institute. Applicant are encouraged to apply using an application form available on KEWI website [www.kewi.or.ke](http://www.kewi.or.ke). The applicants will be notified when the course will be implemented depending on course quorum.

NO.	CODE	COURSE NAME	TARGET PARTICIPANTS	FEE (Kshs)	DURATION
1.	CS01	Financial Management in the Water Sector	Managers and Supervisors, Technical and Commercial Teams of Water Service Providers Organisations	Ksh 22,500.00	5 Days
2.	CS02	Procurement Management in Water Supply Sector	Managers and Supervisors, Technical and Commercial Teams of Water Service Providers Organisations	Ksh 22,500.00	5 Days
3.	CS03	Performance Management for the Water Sector	Managers and Supervisors, Technical and Commercial Teams of Water Service Providers Organisations	Ksh 22,500.00	5 Days
4.	EM01	Operation and Maintenance of Pumping Stations	Technical Managers, Scheme and Plant Managers, Water Technicians, Instrumentation Technicians	Ksh 22,500.00	5 Days
5.	EM02	Electrical Plant Operation & Fault finding	Technical Managers, Scheme and Plant Managers, Water Technicians, Instrumentation Technicians	Ksh 22,500.00	5 Days
6.	EM04	Instrumentation for Water and Wastewater Services	Technical Managers, Scheme and Plant Managers, Water Technicians, Instrumentation Technicians	Ksh 22,500.00	5 Days
7.	EM05	Pump Selection, Installation and Maintenance	Electrical and Mechanical Technicians, Water Technicians, Scheme Managers, Pump Sales and Marketing Personnel	Ksh 22,500.00	5 Days
8.	EM06	Operation & Maintenance of Standby Power Systems	Technical Managers, Scheme and Plant Managers, Water Technicians, Instrumentation Technicians	Ksh 22,500.00	5 Days
9.	EM07	Pumping Plant Maintenance Management	Technical Managers, Scheme and Plant Managers, Water Technicians, Instrumentation Technicians	Ksh 22,500.00	5 Days



10	EM08	Pump Mechanics Course	Technical Managers, Scheme and Plant Managers, Water Technicians, Instrumentation Technicians	Ksh 22,500.00	5 Days
11	EM09	Renewable Energy Systems for Water Pumping	Technical Managers, Scheme and Plant Managers, Water Technicians, Instrumentation Technicians	Ksh 22,500.00	5 Days
12	GW01	Drilling Techniques	Technicians in drilling Companies, Professional drillers	Ksh 22,500.00	5 Days
13	GW03	Drilling Operations and Management	Technicians in drilling Companies, Professional drillers	Ksh 45,000.00	8 Weeks
14	GW02	Groundwater Assessment and Evaluation of Aquifers	Technicians in drilling Companies, Professional drillers	Ksh 22,500.00	5 Days
15	MM01	Management of Metering, Billing & Revenue Collection	Water Supply Operators, Foremen in Metering, Meter Readers, Customer Care and Billing Officers,	Ksh 22,500.00	5 Days
16	MM02	GIS for Hydrological Applications	County Water officers, GIS officers and technicians, Water Resources Managers and NGO's in the field of Water Resources Management	Ksh 22,500.00	5 Days
17	MM09	GIS and Remote Sensing Application in Land Cover, Land Change Analysis	County Water officers, GIS officers and technicians, Water Resources Managers and NGO's in the field of Water Resources Management	Ksh 22,500.00	5 Days
18	MM10	GIS and Remote Sensing Application in Floods and Wetland Mapping	County Water officers, GIS officers and technicians, Water Resources Managers and NGO's in the field of Water Resources Management	Ksh 22,500.00	5 Days
19	MM03	Commercial and Customer Orientation in the Water Sector	Water Supply Operators, Foremen in Metering, Meter Readers, Customer Care and Billing Officers,	Ksh 22,500.00	5 Days
20	MM04	Customer Care and Public Relations	Water Supply Operators, Foremen in Metering, Meter Readers, Customer Care and Billing Officers,	Ksh 15,000.00	3 Days
21	MM06	GIS and Earth Observation Applications in support of Water Resources Management	County Water officers, GIS officers and technicians, Water Resources Managers and NGO's in the field of Water Resources Management	Ksh 22,500.00	5 Days
22	MM07	Application of GIS and ODK for Mapping of Water Utilities	County Water officers, GIS officers and technicians, Water Resources Managers and NGO's in the field of Water Resources Management	Ksh 22,500.00	5 Days
23	MM08	Report Writing	Personnel working in the water sector who require to write regular reports.	Ksh 15,000.00	3 Days
24	WQ01	Water Quality sampling and Testing	Lab Technicians, Ground/Surface Water and Water Research Officers	Ksh 22,500.00	5 Days
25	WQ02	Chemical Water Quality Testing and Standards	Lab Technicians, Ground/Surface Water and Water Research Officers	Ksh 22,500.00	5 Days
26	WQ03	Microbial Water Quality Testing Standards	Water Quality Laboratory, Microbiologist, Public Health officers, Community Based Organization, Water Sanitation & Hygiene Personnel	Ksh 22,500.00	5 Days
27	WQ04	Water Governance and Leadership	Top & middle level managers (WSP, Water Sector Institutions and NGO's) Seniors Management at county government levels in the Water Sector	Ksh 45,000.00	12 Days





28	WQ05	Water Quality Management	Lab Technicians, Ground/Surface Water and Water Research Officers	Ksh 22,500.00	5 Days
29	WQ06	Testing and Quality Standards for Bottled Drinking Water	Personnel working in water Bottling Companies, Water Entrepreneurs, Water Lab Technicians	Ksh 22,500.00	5 Days
30	WQ07	Water Resources Quality Assessment and Monitoring	Lab Technicians, Ground/Surface Water and Water Research Officers	Ksh 22,500.00	5 Days
31	WQ08	Climate Change Impacts and Adaptation	County Water officers, Water Resources Managers and NGO's in the field of Water Resources Management	Ksh 22,500.00	5 Days
32	WQ09	Environmental Impact Assessment and Environmental Audit	Polymakers and EIA developers in public and private agencies, with responsibility for initiating and managing EIA assessment.	Ksh 52,500.00	3 Weeks
33	WQ10	Integrated Water Resources Management	County Water officers, Water Resources Managers and NGO's in the field of Water Resources Management	Ksh 22,500.00	5 Days
34	WQ11	Flood Forecasting and Early Warning	County Water officers, Water Resources Managers and NGO's in the field of Water Resources Management	Ksh 22,500.00	5 Days
35	WS01	Operation & Maintenance of Water Supply Treatment Plants	Water Supply Operators, Water Technicians, Scheme Managers, Electro Mechanical Personnel	Ksh 22,500.00	5 Days
36	WS02	Water Sanitation & Hygiene in Emergency	Water Supply Operators, Water Technicians, Scheme Managers, Electro-mechanical Personnel, Water Resources Managers and NGO's in the field of Water Resources Management	Ksh 15,000.00	3 Days
37	WS03	Operation & Maintenance of Water Supply Networks	Water Supply Operators, Water Technicians, Scheme Managers, Electro Mechanical Personnel	Ksh 22,500.00	5 Days
38	WS04	Pipe Fitting, Plumbing And Solar Heating	Construction Pipefitters/Plumbers	Ksh 22,500.00	5 Days
39	WS05	Non Revenue Water Management – Classroom Training	Managers and Supervisors, Technical and Commercial Teams of Water Service Providers Organisations	Ksh 22,500.00	5 Days
		Non Revenue Water Management –On Job Training (OJT) in Embu	Managers and Supervisors, Technical and Commercial Teams of Water Service Providers Organisations	Ksh 24,700.00	6 Days
40	WS06	Metering and Installation of Consumer Service Connection	Water Supply Operators, Foremen in Metering, Meter Readers, Plumbers / Pipe Fitters	Ksh 22,500.00	5 Days
41	WS07	Water Safety Planning	Technical Managers, Operation and Maintenance Officers, Catchment Officers, Water Resources Managers, and Water Quality experts	Ksh 22,500.00	5 Days
42	WS09	Sustainable Management and O&M of Community Water Projects	Community Project Managers and Supervisors	Ksh 22,500.00	5 Days
43	WS10	Pipework Skills for Water Supply and Sewer Systems	Water technicians, Artisans, entrepreneurs in water supply industry	Ksh 22,500.00	5 Days
44	WS11	Training of Trainers in WASH for Enterprises	Personnel in community based organisations, college tutors, schools	Ksh 22,500.00	3 Days



			teachers, county water and sanitation officers		
45	WS12_1	Basic Plumbing Certification Course	Individuals who have developed skills in plumbing through engagements as casuals or on contract in the plumbing industry with evidence prove of practice and experience.	Ksh 7,000.00	3 Days
46	WS12_2	Basic Plumbing Certification Course	Individuals who have developed skills in plumbing through engagements as casuals or on contract in the plumbing industry or Self practiced and other technical trades personnel	Ksh 22,500.00	10 Days
47	WS12_3	Basic Plumbing Course	Interested beginners in plumbing field with limited educational qualification	Ksh 45,000.00	12 Weeks
48	WW01	Operation & Maintenance of Wastewater Treatment	Waste Water Treatment Plant Operators, Waste Water Treatment Plant Supervisors	Ksh 22,500.00	5 Days
49	WW02	Operation & Maintenance of Sewer Network Systems	Waste Water Treatment Plant Operators, Waste Water Treatment Plant Supervisors, Sewer Operators	Ksh 22,500.00	5 Days
50	WW03	Operation & Maintenance of Decentralized Sanitation Facilities	Waste Water Treatment Plant Operators, Waste Water Treatment Plant Supervisors	Ksh 22,500.00	5 Days
51	WW05	Sanitation Safety Planning	Technical Managers, Operation and Maintenance Officers, Catchment Officers, Water Resources Managers, and Water Quality experts	Ksh 22,500.00	5 Days
52	WW06	Pipefitting Technology	Technicians, Artisans, entrepreneurs in water supply industry.	Ksh 22,500.00	5 Days
53	WW07	Modern Irrigation Techniques	Irrigation operators, agronomists, farmers' organisations and individual farmers	Ksh 22,500.00	5 Days
54	WW13	Climate Smart Agriculture	Irrigation operators, agronomists, farmers' organisations and individual farmers	Ksh 22,500.00	5 Days
55	WW08	Delivering Effective WASH Training of Trainers	Personnel in community based organisations, college tutors, schools teachers, county water and sanitation officers	Ksh 15,000.00	3 Days
56	WW09	Operation and Maintenance of Pumping Systems	Electrical and Mechanical Technicians, Water Technicians, Scheme Managers, Pump Sales and Marketing Personnel	Ksh 22,500.00	5 Days
57	WW10	Decentralized Wastewater Treatment and Local Reuse	Personnel in community based organisations, county water and sanitation officers	Ksh 22,500.00	5 Days
58	WW11	Construction of Low Cost Safe Pit Latrines (SATO toilets)	Personnel in community based organisations, Water technicians, Artisans, entrepreneurs in waste disposal industry	Ksh 15,000.00	3 Days
59	WW12	Construction of Green Toilet System (GTS).	Personnel in community based organisations, Water technicians, Artisans, entrepreneurs in waste disposal industry	Ksh 15,000.00	3 Days





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60	WQ12	Wastewater Quality Testing and Effluent Discharge Standards	Public Health, Environmental Compliance Officers, WSPs	Ksh 22,500.00	5 Days
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