



INSTITUTE OF ENERGY STUDIES & RESEARCH (CENTER OF EXCELLENCE FOR ENERGY RELATED STUDIES)

PROFESSIONAL PROGRAMS

The Institute of Energy Studies and Research (IESR) is a Regional Centre of Excellence in Energy Training and Capacity Building. The institute offers Professional courses to corporate organizations, private companies and contractors in the fields of Energy, Electrical, Mechanical, Fiber Optics and Management. The Institute also offers tailor made courses in any topic within the fields.

NO.	PROGRAM	TARGET GROUP	DURATION	COST PER PARTICIPANT KSHS.
1.	Safety Competency in Power Systems	Company and Contractor Staff Involved in Working on or Around High Voltage Power Systems	5 days	80,000
2.	Overhead Line Construction and Maintenance	Company and Contractor Staff Involved in Powerline Construction and Maintenance	3 weeks	90,000
3.	Installation and Maintenance of Street Lighting	County Government, Company and Contractor Staff Involved in Street Lighting	5 days	60,000
4.	Jointing and Termination of Power Cables	Company and Contractor Staff Involved in Jointing and Termination of Low and High Voltage Cables	5 days	60,000
5.	Operation and Maintenance of Power & Distribution Transformers	Technical Staff Involved in Jointing Operation and Maintenance of Transformers	5 days	60,000
6.	Safe Operation and Maintenance of Switchgear and Circuit Breakers	Technical Staff Involved in Operation and Maintenance of Switchgear	5 days	60,000
7.	Technical Appreciation - Solar PV Installation	Non-Technical Staff; Facility Owners	2 days	30,000
8.	Installation and Maintenance of Solar Power PV Systems - T1	County Government Technical Staff; Solar PV Vendors; Solar PV System Installers, Instructors, Project Managers, Architects	5 days	60,000
9.	Installation and Maintenance of Solar Power PV Systems - T2	Advancement from Installation and Maintenance of Solar Power PV System - T1,	5 days	60,000
10.	Installation of Hybrid and Grid -Tie Power Systems - T3	Advancement from Installation and Maintenance of Solar Power PV System - T2	5 days	60,000
11.	Wind Energy Fundamentals - Design and Development Technology	Technical Staff who Install, Maintain and Repair Wind Turbine Power Plants	5 days	60,000
12.	Repair and Maintenance of Air Conditioning and Refrigeration Systems	Technical Staff Involved in Maintaining and Repair of Air Conditioning and Refrigeration Systems	5 days	60,000
13.	Small Hydro Power Plant Fundamentals, Operations and Maintenance	Technical Staff Involved in Development Operations and Maintenance of Small Hydro Plants	5 days	60,000
14.	Energy Management Essentials	Facility Engineers, Energy Auditors, Environmental Officers, Building Services Managers and Plant Managers	5 days	60,000
15.	Energy Efficiency in Electrical Utilities for Commercial and Industrial Systems	Facility Engineers, Energy Auditors, Environmental Officers, Building Services Managers and Plant Managers and Entrepreneurs Contractors	5 days	60,000
16.	Fundamentals of Fiber Optics	Technical Staff Involved in Fiber Optics Cable Installation	5 days	60,000
17.	Fiber Optics Installation on Power Lines I (for LV and MV)	Contractor Staff Involved in Fiber Optics Cable Installation on Powerlines	5 days	80,000
18.	Cyber Security	ICT Staff	5 days	60,000
19.	Structured Cabling (Fiber and Copper)	ICT Network Technical Persons	5 days	60,000
20.	Supervisory Skills for Technical Staff (Team Leaders)	Technical Team Leaders	5 days	40,000
21.	Fire Safety	All staff	4 days	40,000
22.	First Aid	All staff	4 days	40,000
23.	Occupational Safety & Health	Company & Contractor Safety Committees Members	5 days	40,000
24.	Cisco CCNA Level 1 - 4	ICT Networking Staff	4 Months	45,000
25.	Computer Skills (ICDL) - Base Module - Intermediate Module - Advanced Module	Computers Users	One Month Per Module	45,000

Interested candidates are requested to make enquiries through email address iesinfo@kplc.co.ke or Postal address **The Deputy Director, Institute of Energy Studies & Research, P.O. Box 10355 - 00100 NAIROBI** or telephone enquiries through 0725-559900 or visit the **Institute located at Ruaraka off Thika Road (Next to Utalii College, Nairobi)** during normal working hours.

Training is conducted at our main campus located in Ruaraka - Nairobi or at our Town campus at Electricity House - CBD Nairobi.



INSTITUTE OF ENERGY STUDIES & RESEARCH (CENTER OF EXCELLENCE FOR ENERGY RELATED STUDIES)

DIPLOMA AND CERTIFICATE COURSES – January 2018 Intake

DIPLOMA PROGRAMS			
NO.	COURSE TITLE	PREREQUISITE	DURATION & TUITION FEE
1.	Diploma in Electrical and Electronics Engineering (Power Option) (KNEC) - DAY/EVENING	Minimum KCSE Mean Grade of C- (Minus) with C- (Minus) in English, Mathematics & Physics/Physical Science	3 years of 7 terms in class and 2 terms of attachment. Tuition Fees KShs.25,000/= per term.
2.	Diploma in Electrical and Electronics Engineering (Power Option) Module II (KNEC) - DAY/EVENING	Diploma In Electrical and Electronics Engineering (Power Option) Module I (KNEC)	2 years of 5 terms in class and 1 term of attachment. Tuition Fees KShs.25,000/= per term.
3.	Diploma in Mechanical Engineering (Plant/Automotive Option) (KNEC) - DAY	Minimum KCSE Mean Grade of C- (Minus) with C- (Minus) in English, Mathematics & Physics/Physical Science	3 years of 7 terms in class and 2 terms of attachment. Tuition Fees KShs.25,000/= per term.
4.	Diploma in Business Management (KNEC) - DAY	Minimum KCSE Mean Grade of C- (Minus) with C- (Minus) in English & Mathematics	3 years of 7 terms in class and 2 terms of attachment. Tuition Fees KShs.25,000/= per term.
5.	Diploma in Information and Communication Technology (KNEC) - DAY	Minimum KCSE Mean Grade of C- (Minus) with C- (Minus) in English & Mathematics	3 years of 7 terms in class and 2 terms of attachment. Tuition Fees KShs.25,000/= per term.
6.	Diploma in Information and Communication Technology Module II - (KNEC) - DAY	Diploma in Information and Communication Technology Module I (KNEC)	2 years of 5 terms in class and 1 term of attachment. Tuition Fees KShs.25,000/= per term.
7.	Diploma in Information and Communication Technology (KASNEB) - DAY	Minimum KCSE Mean Grade of C- (Minus) with C- (Minus) in English & Mathematics	1 ½ years of 3 terms in class Tuition Fees KShs.25,000/= per term.
8.	Diploma in Petroleum and Geoscience (KNEC) - DAY	Minimum KCSE Mean Grade of C- (Minus) with C- (Minus) in English, Mathematics & Physics/Physical Science	3 years of 7 terms in class and 2 terms of attachment. Tuition Fees KShs.25,000/= per term.
CRAFT CERTIFICATE PROGRAMS			
9.	Craft Certificate in Power Line Construction & Maintenance (Linesman Proficiency) (NITA) - DAY	Minimum KCSE Mean Grade of D+ (Plus), with D+ (Plus) in English, Mathematics & Physics/Physical Science	3 years of 6 terms in class and 3 terms of attachment. Tuition Fees KShs.25,000/= per term.
10.	Craft Certificate in Electrical & Electronic Engineering - Power (KNEC) - DAY	Minimum KCSE Mean Grade D+ (Plus), with D+ (Plus) in Mathematics, English & Physics/Physical Science	2 years of 5 terms in class and 1 term of attachment. Tuition Fees KShs.25,000/= Per term.
11.	Craft Certificate in Mechanical Engineering - Production (KNEC) - DAY	Minimum KCSE Mean Grade D+ (Plus), with D+ (Plus) in Mathematics, English & Physics/Physical Science	2 years of 5 terms in class and 1 term of attachment. Tuition Fees KShs.25,000/= Per term.
12.	Craft Certificate in Information and Communication Technology (KNEC)-DAY	Minimum KCSE Mean Grade D+ (Plus), with D+ (Plus) in Mathematics, English	2 years of 5 terms in class and 1 term of attachment. Tuition Fees KShs.25,000/= Per term.
13.	Certificate in Business Management (KNEC) - DAY	Minimum KCSE Mean Grade D+ (plus), with D+ (plus) in Mathematics, English	2 years of 5 terms in class and 1 term of attachment. Tuition Fees KShs.25,000/= Per term.
14.	Electrical Wireman (NITA) - DAY	Form 4 Leavers	1 term (3 Months) Tuition Fees KShs.25,000/=
MANAGEMENT AND PROFESSIONAL COURSES – CAMBRIDGE INTERNATIONAL COLLEGE (CIC) DISTANCE/BLENDED LEARNING PROGRAMS			
NO.	COURSE TITLE	PREREQUISITE	DURATION & TUITION FEE
15.	Diploma in Human Resource Management	Minimum requirements KCSE C Plain or Relevant Certificate or Degree and Diploma holders seeking membership with professional bodies: IHRM, APML, KISM, KIM, ILM	1 Year of 3 terms Fees: KShs.25,350/= Per term.
16.	Diploma in Project Management		
17.	Diplomas in Supply Chain - Options: (i) Logistic, Supply Chain & Material Management (ii) Logistic, Supply Chain & Transport Management (iii) Stores Management & Stock Control (iv) Purchasing & Resourcing Management		
18.	Diplomas in Business & Management – Options: (i) Supervisory Management (ii) Business Organization & Management (Entrepreneurship) (iii) Event Management		
19.	Diplomas in Marketing – Options: (i) Sales Management and Marketing (ii) Advertising and Public Relations (iii) Global Marketing Management	Minimum Entry: Degree with relevant work experience	1 Year of 3 terms Fees: KShs.36,500/= Per term.
20.	Diploma in Event Management		
21.	Mastery of Management Graduate Diplomas - Options: (i) Management & Leadership (ii) Corporate Strategy & Planning (iii) Marketing Strategy (iv) Business Finance & Investment		

- Download and fill in the application form from www.kplc.co.ke Website, and follow the instructions to pay a Non-refundable application fee of **KShs.1,000** at **Equity Bank-Westland's Branch: Account No. 0550297446068, Account Name: KENYA POWER TRAINING SCHOOL.**
- Send the application form together with bank slip, photocopies of your national identity card and academic certificates to **The Deputy Director, Institute of Energy Studies & Research, P.O. Box 10355 - 00100 NAIROBI.**
- Interested candidates are free to visit the **Institute - Ruaraka off Thika Road (Next to Utalii College)** during working hours for further enquiries.
- Accommodation is **NOT Provided.**
- The institute will endeavour to provide **Industrial Attachments** where Applicable.
- Tuition fees exclude other charges e.g., Examination, Insurance, Medical, Library & Co-curricular activities.