

Institute of Energy Studies & Research – Kenya Power

DIPLOMA AND CERTIFICATE COURSES SEPTEMBER 2020 Intakes

The Institute of Energy Studies & Research (IESR) is an accredited Technical Industrial and Vocational Education Institution in Kenya under the TVET Act 2013 and an Industrial Training Institution registered under the Industrial Training Act Cap 237 of 2011. Our courses are examined by Kenya National Examinations Council (KNEC) and the National Industrial Training Authority (NITA). IESR is privately owned by Kenya Power and is also a registered Research institution. IESR invites applications for the following courses for the September 2020 intakes. Applications deadline is 31st July 2020 for the September intake.

	COURSE TITLE	CAREER PROSPECTS	PREREQUISITE	DURATION & TUITION FEE
DIPLOMA PROGRAMS				
1.	Diploma in Mechanical Engineering – Plant Option (KNEC) - DAY	<ul style="list-style-type: none"> ✓ Mechanical engineering tackles the design, development, installation, operation, and the maintenance of anything comprising of moving parts like machinery and industrial equipment ✓ This course will open up your career path for opportunities in various industries such as process, construction, and manufacturing industries that are driven by different types of machines. ✓ Students gain expertise in conducting routine maintenance, installing new equipment and modifying machinery. 	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 Petroleum and Geoscience (KNEC) - Day	<ul style="list-style-type: none"> ✓ The practical oil industry requires a broad understanding of geological, geophysics and reservoir engineering technical skills that are imparted to learners in this course ✓ Students are exposed to key specialized and multidisciplinary skills in petroleum exploration and production for the modern petroleum industry. 	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 KSh25, 000/= per term.
3.	Craft Certificate in Mechanical Engineering – Production Option (KNEC) - DAY	<ul style="list-style-type: none"> ✓ This course exposes students to working with metals, plastics, wood and composite materials to manufacture/fabricate parts for machinery such as engine components. ✓ Students have the prospects to open up their careers for opportunities in maintenance work in various industries in the economy that need to replace components regularly. They have also numerous opportunities for self-employment. 	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.
4.	Craft Certificate in Mechanical Engineering Automotive Option (KNEC) - DAY	<ul style="list-style-type: none"> ✓ With the booming auto industry, technical skills are highly required and this course produces trained technicians who can be absorbed in a wide range of industries or venture into skilled entrepreneurial activities for self-employment. ✓ Students have an opportunity to get started in the industry very quickly through automotive training which will help them build careers and mastery in matters of automobiles including diagnosing electro-mechanical issues. 	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.

1. Visit www.iesr.ac.ke, and click "**Portals Tab**", Select **Apply for the Next Intake**. Follow the instructions to create a new student account, pay a **non-refundable application fee of Kshs. 1,000** and submit the application or download the application form from the website and follow the instructions. All forms must be submitted to the IESR
2. Interested candidates are free to visit the **Institute-Ruaraka, Off Thika Road (Next to Utalii College)** during working hours for further enquiries.
3. Accommodation is **NOT provided**.
4. The institute will endeavor to provide **industrial attachments** where Applicable.
5. Tuition fees do **NOT** include other charges e.g. Examination, Insurance, Medical, Library, Co-curricular activities.
6. The IESR may not be able to offer any scholarships or provision for HELB funding