



## BRIEF HISTORY / BACKGROUND

**THE KIAMBU NATIONAL POLYTECHNIC(KINAP)** was established in 1973 by the Kiambu community on Harambee basis (pulling together and raising funds by contributions from individual community members). Since its inception, the Kiambu National Polytechnic has played a vital role in transforming the youth and empowering them for a fulfilling career path by providing quality technical and vocational training, research and enhanced innovations for global impact.

**KINAP** is a (TVET) Institution under the Ministry of Education, It is registered to offer Technical and Vocational Education and Training. The Governing Council which is appointed by Ministry of Education in consultation with the stakeholders oversees the day-to-day running of the institution. The core function of The Kiambu. National Polytechnic is to provide education and training in TVET programs, promote research and technological development. The Kiambu National Polytechnic **KINAP** is ISO 9001:2015 certified and has a holistic approach to training self-driven graduates aimed at achieving Kenya Industrialization envisaged in the Vision 2030. The Polytechnic actively participates in both co-curricular and extracurricular activities at regional and National levels.

### THE KIAMBU NATIONAL POLYTECHNIC VISION

A premier Polytechnic in technical training, research and innovation for global impact.

### THE KIAMBU NATIONAL POLYTECHNIC MISSION

To develop a competent market responsive and entrepreneurial workforce through quality technical and vocational training.

### POLYTECHNIC CORE VALUES

- (i) Integrity
- (ii) Equity
- (iii) Equity Partnerships
- (iv) Quality
- (v) Customer centricity

### NOTE:

All level 6 / Diploma Courses take 3 years and require a minimum mean grade of C- (Minus) and above or level 5 in related course or equivalent qualification as determined by KNQA.

All level 5 / Certificate courses take 2 years and require a minimum mean grade of D (Plain) and above or level 4 in related course or equivalent KNQA.

All level 4 / Artisan courses take 1 year and require a minimum mean grade of D- (Minus) or equivalent qualification as determined by KNQA.

All level 3 courses take 6 months and require a minimum grade of KCPE and above or equivalent qualifications as determined by KNQA

### COURSES COMMENCING JANUARY, MAY AND SEPTEMBER 2025

COURSE TITLE	EXAM BODY
<b>APPLIED SCIENCE DEPARTMENT</b>	
Diploma In Medical Laboratory Technology (Tep)	KNEC
Diploma In Industrial Chemistry (Modular)	KNEC
Applied Biology Level 6	CDACC/KINAP
Analytical Chemistry Technology Level 6	CDACC/KINAP
Applied Statistics Level 6	CDACC/KINAP
Agricultural Extension Level 6	CDACC/KINAP

Environmental Science Level 6	CDACC/KINAP
Environmental Management Level 6	CDACC/KINAP
Food Science and Processing Technology Level 6	CDACC/KINAP
Food Science and Processing Technology Level 5	CDACC/KINAP
Sustainable Agriculture for Rural Development Level 5	CDACC/KINAP
Science Laboratory Technology Level 6	CDACC/KINAP
Science Laboratory Technology Level 5	CDACC/KINAP
Agricultural extension level 4	CDACC/KINAP
Horticulture nursery Management level 3	CDACC/KINAP
Aqua culture level 3	CDACC/KINAP

### BUILDING AND CIVIL ENGINEERING DEPARTMENT

Construction Management Level 6	CDACC/KINAP
Building Technology Level 6	CDACC/KINAP
Civil Engineering level 6	CDACC/KINAP
Architectural Technology Level 6	CDACC/KINAP
Quantity Survey Level 6	CDACC/KINAP
Carpentry and Joinery Level 5	CDACC/KINAP
Plumbing Level 5	CDACC/KINAP
Carpentry and Joinery level 4	CDACC/KINAP
Plumbing Level 4	CDACC/KINAP
Masonry Level 4	CDACC/KINAP
Interior Design Level 6	CDACC/KINAP
Water Engineering Technology Level 6	CDACC/KINAP
Building Technician Level 5	CDACC/KINAP
Plumbing Level 3	CDACC/KINAP
Masonry Level 3	CDACC/KINAP

### BUSINESS, ENTREPRENEURSHIP AND SOCIAL STUDIES DEPARTMENT

Diploma in Disaster Management	CDACC/KINAP
Diploma in Entrepreneurship Development	CDACC/KINAP
Diploma In Supply Chain Management	CDACC/KINAP
Banking & Finance Level 6	CDACC/KINAP
Business Management Level 6	CDACC/KINAP
Cooperative Management Level 6	CDACC/KINAP
Counseling Psychology Level 6	CDACC/KINAP
Human Resource Management Level 6	CDACC/KINAP
Marketing Management Level 6	CDACC/KINAP
Child Protection Level 6	CDACC/KINAP
Social Work & Community Development Level 6	CDACC/KINAP
Project Management Level 6	CDACC/KINAP
Child Protection Level 5	CDACC/KINAP
Counseling Psychology Level 5 (New)	CDACC/KINAP
Supply Chain Management Level 5	CDACC/KINAP
Social Work & Community Development Level 5	CDACC/KINAP

### ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

Electrical Engineering (Power option) Level 6	CDACC/KINAP
Telecommunication Engineering Level 6	CDACC/KINAP
Instrumentation and Control Level 6	CDACC/KINAP
Instrumentation and Control Level 5	CDACC/KINAP
Electrical Installation Level 5	CDACC/KINAP
Electrical Installation Level 4	CDACC/KINAP
Electrical Installation Level 3	CDACC/KINAP
Solar PV Installation Level 5	CDACC/KINAP
Solar PV Installation Level 4	CDACC/KINAP
Solar PV Installation Level 3	CDACC/KINAP

### HOSPITALITY, FASHION AND COSMETOLOGY DEPARTMENT (HFC)

Food and Beverage Production (Culinary Arts) Level 6	CDACC/KINAP
Food and Beverage Sales and Service Management Level 6	CDACC/KINAP
Fashion Design Management Level 6	CDACC/KINAP
Baking Technology Level 6	CDACC/KINAP
Nutrition and Dietetics Level 6	CDACC/KINAP

Housekeeping and Accommodation Management Level 6	CDACC/KINAP
Housekeeping and Accommodation Level 5	CDACC/KINAP
Food and Beverage Sales and Service Level 5	CDACC/KINAP
Fashion Design Level 5	CDACC/KINAP
Nutrition and Dietetics Level 5	CDACC/KINAP
Food and beverage production (culinary arts) level 5	CDACC/KINAP
Baking Technology Level 5	CDACC/KINAP
Baking Technology - Cake production and decoration Level 4	CDACC/KINAP
Baking Technology - Cake decoration and pastry production Level 4	CDACC/KINAP
Baking Technology - Production of Cakes and yeast Products Level 4	CDACC/KINAP
Baking Technology - Production of Cakes and pastry Products Level 4	CDACC/KINAP
Baking Technology - Yeast products and pastry production Level 4	CDACC/KINAP
Beauty Therapy Level 4	CDACC/KINAP
Hairdressing Level 4	CDACC/KINAP
Baking Technology - Production of yeast products & cake decoration Level 4	CDACC/KINAP
Baking Technology (Cake decoration) (Cake Production) Level 3	CDACC/KINAP

### SHORT COURSES

Cake production (2 Weeks )	KINAP
Cake decoration (2 Weeks )	KINAP
Pastry production (2 Weeks )	KINAP
Bread production (2 Weeks )	KINAP

### ICT AND COMPUTER STUDIES DEPARTMENT

Computer Science Level 6	CDACC/KINAP
Network and system Administration Level 6	CDACC/KINAP
Cyber Security Level 5	CDACC/KINAP
ICT Technician Level 5	CDACC/KINAP
Computer Programming Level 6	CDACC/KINAP
Graphic Design Level 5	CDACC/KINAP
Cyber Security Level 6	CDACC/KINAP
ICT Technician Level 6	CDACC/KINAP
Graphic Design Level 6	CDACC/KINAP
ICT Technician Level 4	CDACC/KINAP
Computer Applications (3 Months)	CDACC/KINAP

### MECHANICAL ENGINEERING AND INDUSTRIAL MECHATRONICS DEPARTMENT

Mechanical Technology (Production) Level 6	CDACC/KINAP
Automotive Engineering Technology Level 6	CDACC/KINAP
Automotive Engineering Technology Level 5	CDACC/KINAP
Mechanical Technology (Production) Level 5	CDACC/KINAP
Welding & Fabrication Technology Level 6	CDACC/KINAP
Welding & Fabrication Technology Level 5	CDACC/KINAP
Industrial Mechatronics Technology Level 6	CDACC/KINAP
Mechatronic Technology Level 5	CDACC/KINAP
Automotive Engineering Technology Level 4	CDACC/KINAP
Mechanical production (Milling and fabrication) level 4	CDACC/KINAP
Welding (Manual metal Arc welding and gas metal arc welding) level 4	CDACC/KINAP
Welding (Oxy-acetylene gas welding and gas tungsten arc welding level 4	CDACC/KINAP
Motor cycle mechanic level 4	CDACC/KINAP
Refrigeration and air conditioning Level 4	CDACC/KINAP
Automotive Level 3	CDACC/KINAP
Welding (Gas welding) Level 3	CDACC/KINAP
Welding (Manual metal Arc welding) Level 3	CDACC/KINAP
Motor cycle mechanic level 3	CDACC/KINAP

### DRIVING SCHOOL

Driving Course (Categories : Light Passenger Car, Professional & Light Trucks)	NTSA
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**1. Nutrition And Dietetics Level 6**  
Minimum requirements  
KCSE Mean Grade C-  
Or Nutrition and dietetics Level 5 with;  
(a) Grade D+ (plus) in the following

Mandatory subjects-  
i. Chemistry or Physical Sciences  
ii. Biology/Biological Sciences  
iii. English /Kiswahili and  
the following Subjects:-  
i. Physics  
ii. Mathematics  
iii. Home science  
iv. Agriculture or General Science

### 4. Diploma in Medical Laboratory

Minimum requirements for medical laboratory (cluster)  
KCSE Mean grade C (plain)  
i) C in Mathematics/Physics  
ii) C in Biology  
iii) C in English/ Kiswahili  
iv) C in Chemistry or Physical sciences or a pass in medical Lab Tech.

### 3. Nutrition and Dietetics Level 5

Minimum requirements  
KCSE Mean Grade D Plain  
(a) Grade D (plain) in the following  
mandatory subjects-  
i. Chemistry or Physical Sciences  
ii. Biology/Biological Sciences  
iii. English /Kiswahili and  
(b) Grade D (plain) in any of the above Subjects-  
i. Mathematics  
ii. Physics  
iii. Home science  
iv. General Science

NAMES

ID NO.

COUNTY  TOWN

MOBILE NO:

COURSE

DATE OF BIRTH (eg 20/08/1990)

EMAIL

KCSE INDEX NUMBER

KENYAN CITIZEN (TICK BOX) YES  NO

POSTAL ADDRESS

POSTAL CODE  TOWN

EMPLOYED (TICK BOX) YES  NO

**FATHER / MOTHER / GUARDIAN**  
1. Name   
Relationship   
Mobile No.   
2. Name   
Relationship   
Mobile No.

Applications for the courses should be made on the above COUPON