INTAKE: SEPTEMBER FOR ALL PROGRAMMES

(Course applications will be done in May)

Certificate in Science Laboratory Technology (SLT) Distance Mode

Duration: 2 years maximum
Minimum entry qualifications: KCSE mean grade D + including D plain in Physics, Mathematics, English, Biology/Chemistry

Diploma in Technology in Technical and Applied Physics (Evening mode)

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C– including C minus in Physics, Mathematics, English &any other Science or a Cert. in SLT
Tuition Fees: Kshs. 24,000/= per semester for evening.

Bachelor of Philosophy in Biotechnology in the following options:
- Industrial
- Medical

Duration: 2 years
Minimum entry qualifications: KPUC Higher Diploma in Biotechnology or equivalent; B.Sc in Biological Sciences, Agriculture or equivalent.

Bachelor of Philosophy in Technology in the following options:
- Molecular Biology
- Biochemistry

Duration: 2 years
Minimum entry qualifications: KPUC Higher Diploma in Molecular Biology & Biochemistry or equivalent.

Bachelor of Technology in Environmental Resource Management

Duration: 4 years (8 semesters)
Minimum entry qualifications: KCSE mean grade C+ including C+ in Mathematics, Chemistry, Biology and Geography or KPUC Diploma in Technology in Environmental Resource Management or 2 principal passes in Geography and Biology and a subsidiary pass in Chemistry with a credit pass in English at O-levels

Bachelor of Technology in Applied Chemistry (Industrial Chemistry)

Duration: 4 years (8 semesters)
Minimum entry qualifications: KCSE mean grade C+ including C+ in Mathematics, Chemistry and Physics or KPUC Diploma in Technology in Applied Chemistry

Bachelor of Technology in Applied Chemistry (Analytical Chemistry)

Duration: 4 years (8 semesters)
Minimum entry qualifications: KCSE mean grade C+ including C+ in Mathematics, Chemistry and Physics or KPUC Diploma in Technology in Applied Chemistry

Bachelor of Philosophy in Technology (Industrial Chemistry)

Duration: 2 years
Minimum entry qualifications: Higher Diploma

Bachelor of Philosophy in Applied Chemistry (Analytical Option)

Duration: 2 years (4 semesters)
Minimum entry qualifications: Higher Diploma in Applied Chemistry (Analytical Option) or Equivalent
Tuition Fees: Kshs. 60,000/= per semester.

Bachelor of Technology in Food Science

Duration: 4 years (8 semesters)
Minimum entry qualifications: KCSE mean grade C+ including C+ in Biology, Chemistry, Mathematics and Physics

Bachelor of Philosophy in Food Technology (Industrial Chemistry)

Duration: 2 years
Minimum entry qualifications: Higher Diploma in Food Technology

Diploma in Technology in Food Science (Evening mode)

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C plain including C plain in Biology, Chemistry, Physics, Mathematics, English or a Craft Certificate in Food Science and Technology
Tuition Fees: Kshs. 24,000/= per term for evening.

Diploma in Technology in Applied Chemistry (Analytical Chemistry)

Duration: 3 years (6 sem)
Minimum entry qualifications: KCSE mean grade C plain including C plain in Mathematics, Chemistry and Physics

Diploma in Technology in Applied Chemistry (Industrial Chemistry)

Duration: 3 years (6 sem)
Minimum entry qualifications: KCSE mean grade C plain including C plain in Mathematics, Chemistry and Physics

Bachelor of Philosophy in Applied Biology

Duration: 2 years
Minimum entry qualifications: Higher Diploma in Applied Biology

Diploma of Technology in Industrial & Applied Biology

Duration: 3 years (6 sem)
Minimum entry qualifications: KCSE mean grade C– with a C– in Biology, Mathematics, English and any other science subject or a Cert. in a related area from a recognized institution

Certificate in Technology in Laboratory Technology

Duration: 1 year
Minimum entry qualifications: KCSE mean grade D+ with those working in science, schools research & industrial labs.
Tuition Fees: Kshs. 18,500/= per semester

Diploma of Technology in Industrial & Applied Biology

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C– with a C– in Biology, Mathematics, English and any other science subject or a Cert. in a related area from a recognized institution
Tuition Fees: Kshs. 24,000/= per semester

Diploma in Science Laboratory Technology

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C– with C– in Biology, Mathematics, English, Physics, Chemistry or a Cert. in a related area from a recognized institution

Tuition Fees: Kshs. 24,000/= per semester

Certificate in Science Laboratory Technology

Duration: 1 year in 3 vacations
Minimum entry qualifications: KCSE mean grade D+ with those working in science, schools research & industrial labs.
Tuition Fees: Kshs. 18,500/= per semester

TECHNICAL UNIVERSITY OF KENYA

FACULTY OF APPLIED SCIENCES AND TECHNOLOGY (FAST)

SCHOOL OF PURE AND APPLIED SCIENCES (SPAS)

**COURSE BROCHURE
2013/2014**

LOCATION: N-BLOCK 2nd FLOOR ROOM 216

Bachelor of Technology in Biotechnology in the following options:
- Industrial
- Medical
- Agricultural

Duration: 4 years (8 semesters)
Minimum entry qualifications: KCSE mean grade C+ including C+ in Maths, Chemistry and Biology or KPUC Diploma in Biotechnology or equivalent.
4 years for KCSE holders or 2 years for Diploma holders

Bachelor of Technology in Biochemistry

Duration: 4 years (8 semesters)
Minimum entry qualifications: KCSE mean grade C+ including C+ in Maths, Chemistry and Biology or KPUC Diploma in Biotechnology or equivalent.
4 years for KCSE holders or 2 years for Diploma holders

Bachelor of Technology in Industrial & Applied Biology

Duration: 4 years (8 semesters)
Minimum entry qualifications: KCSE mean grade C+ including C+ in Mathematics, Chemistry and Biology or KPUC Diploma in Applied Biology

Bachelor of Technology in Science Laboratory Technology

Duration: 4 years (8 semesters)
Minimum entry qualifications: KCSE mean grade C+ including C+ in Maths, Chemistry and Biology or KPUC Diploma in Science Laboratory Technology

Bachelor of Technology in Technical and Applied Physics

Duration: 4 years (8 semesters)
Minimum entry qualifications: KCSE mean grade C+ including C+ in Physics, Mathematics, English and Chemistry/Biology or KPUC Diploma in Technical and Applied Physics

Advanced Diploma in Laboratory Biosafety and Occupational Health Technology

Duration: 1 year (2 semesters)
Minimum entry qualifications: Lab Technicians and researchers with at least Diploma
Tuition Fees: Kshs. 20,000/= per semester

Advanced Diploma in Quality Control, Total Quality Management, Quality Management Systems and Quality Assurance

Duration: 2 semesters
Minimum entry qualifications: Diploma, degree, Master in any science field
Tuition Fees: Kshs. 30,000/= per semester.

1. **Diploma of Technology in Molecular Biology and Biochemistry**
2. **Diploma of Technology in Molecular Biology and Medicinal Phytochemistry**
3. Diploma of Technology in Molecular Cell Biology and HIV Management

Duration: 3 years (7 semesters)
Minimum entry qualifications: KCSE mean grade C – with C– (minus) in Biology, English, Chemistry, Maths or Physics or a Cert. in any relevant area.
Tuition Fees: Kshs. 20,000/= per semester

1. **Diploma in Technology in Biotechnology**
2. **Diploma in Technology in Biochemistry**

Duration: 3 years (7 semesters)
Minimum entry qualifications: KCSE mean grade C – (minus) with C– (minus) in Biology/Biological Science, English/Kiswahili, Chemistry, Mathematics or Physics or Certificate in any relevant area.

Diploma in Technology: Atmospheric Science (Evening mode)

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C- with C– in Mathematics, English/Kiswahili, Physics, Chemistry/Biology, Geography/Agriculture or a KPUC Cert. in a relate area from a recognized institution
Tuition Fees: Kshs. 22,500/= per semester for evening

Diploma in Technology: Environmental Resource Management (Evening mode)

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C- with C– in Mathematics, English/Kiswahili, Physics, Chemistry/Biology, Geography/Agriculture or a KPUC Cert. in a related area from a recognized institution
Tuition Fees: Kshs. 22,500/= per semester

Diploma in Technology: Geological Science (Evening mode)

Duration: 3 years (6 sems)
Minimum entry qualifications: KCSE mean grade C– and C– in Mathematics, English/Kiswahili, Physics/Chemistry, Geography or a Cert. in a related area from a recognized institution or A' level with a credit pass in Mathematics & English or any Science subject
Tuition Fees: Kshs. 22,500/= per semester

Diploma in Technology in Science Laboratory Technology

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C– with C– in Biology, Mathematics, English, Physics, Chemistry or a Cert. in a related area from a recognized institution
Tuition Fees: Kshs. 24,000/= per semester

Diploma of Technology in Industrial & Applied Biology

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C– with a C– in Biology, Mathematics, English and any other science subject or a Cert. in a related area from a recognized institution
Tuition Fees: Kshs. 24,000/= per semester

Diploma in Technology in Technical and Applied Physics (Regular & Evening)

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C– including C minus in Physics, Mathematics, English &any other Science or a Cert. in SLT
Tuition Fees: Kshs. 24,000/= per semester for evening.

1. **Diploma in Technology (Analytical Chemistry)**
2. **Diploma in Technology (Industrial Chemistry)**

Duration: 3 years (6 semesters)
Minimum entry qualifications: KCSE mean grade C minus including C minus in Maths, Chemistry, Physics and any other Science or Cert. in relevant area
Tuition Fees: Kshs. 24,000/= per semester.

Certificate in Industrial/Analytical Chemistry (evening)

Duration: 2 year (4 semesters)
Minimum entry qualifications: KCSE mean grade D plain.
Tuition Fees: Kshs. 18,000/= per semester

Certificate in Science Laboratory Technology (evening)

Duration: 1 year
Minimum entry qualifications: KCSE mean grade D+ with those working in science, schools research & industrial labs.
Tuition Fees: Kshs. 18,500/= per semester

Certificate in Environmental Studies

Duration: 1 year
Minimum entry qualifications: KCSE D + with those working in environmental related areas
Tuition Fees: Kshs. 13,200/= per semester

Certificate in Food Technology

Duration: 1 year (3 semesters)
Minimum entry qualifications: KCSE mean grade D +
Tuition Fees: Kshs. 18,000/= per semester

PLEASE NOTE:

*Applications for courses are available only when courses have been advertised in the daily newspapers and should be made during the official application period following the course advertisement. Application for courses, **made on or before the course application deadline**, addressed to the Senior Assistant Registrar-Student Recruitment and Admissions, should be made on **official course application coupons** available at the University & in the newspaper advertisement accompanied by copies of **ACADEMIC and/or PROFESSIONAL CERTIFICATES;** copy of **NATIONAL IDENTITY CARD or WAITING SLIP or PASSPORT; and a BANK DEPOSIT SLIP; or a BANKERS' CHEQUE; or a POSTAL MONEY ORDER** made payable to the University College of a **NON-REFUNDABLE COURSE APPLICATION FEE of Kshs 2,000/=***

Fee payments made by cash; credit cards; and personal and/or company cheques; <u>WILL NOT</u> be accepted at the University.

*Successful students shall pay **TUITION FEES** plus the **STATUTORY FEES** listed below **ONLY THROUGH** the following ways:*

1. *The university fee collection accounts at any branch of **Equity Bank AC. NO 0540 290 597 366 or Co-operative Bank of Kenya AC. NO 0112 906 234 900***
2. *A bankers' cheque.*
3. *Any form of money transfer such as RTGS or EFT accompanied by a corresponding advice slip bearing the particulars of the beneficiary.*

Registration fee (paid per academic year) Kshs 2,000/=; Medical fee (paid per academic year) Kshs 2,000/=; Caution money (paid once (refundable) Kshs 2,000/=; Industrial Attachment fee for diploma students taking regular courses (paid once) Kshs. 1,350/=; Computer fee (paid per academic year) Kshs 2,000/=; Maintenance fee (paid per academic year) Kshs 400/=; Library fee (paid per academic year) Kshs 2,000/=; Student Union fee (paid per academic year) Kshs 500/=; Sports fee (paid per academic year) Kshs 500/=; Insurance fee (paid per academic year) Kshs 500/= ; Activity fee (for degree students-paid per academic year) Kshs. 1,000/=; and Examination fee (paid per academic year) Kshs. 5,000/=

An academic year is equivalent to two (2) semesters.