Certificate in Business IT (CBIT)

This program is for high school graduates who intend o undertake a university diploma programme but do not meet the entry requirement. Holders of this certificate can progress to the Diploma in Business Information Technology (DBIT) and consequently to a Bachelor of Business Information Technology (BBIT) with excemptions.

Course Duration: 6 Months

Certificate in Bridging Mathematics

The Bridging Course in Mathematics is an intensive study program that upgrades the mathematical skills of high school graduates who intend to undertake a university degree or diploma program which has mathematics as an entry requirement. The program may be taken by students who would like to pursue the Bachelor of Commerce (BCom) Bachelors of Science in Information Technology (BSC. IT) and other similar courses.

Course Duration: 3 Months

SHORT PROFESSIONAL PROGRAMMES

- **Certified Ethical Hacker**
- **Systems Dynamics Modelling**
- **Business Process Modelling**
- **Linux**

Entry Requirements

Business and IT professionals, security officers, system auditors, forensic accountants, site administrators, and those concerned with the integrity of network infrastructure.

For detailed information on these professional programmes please contact the Faculty of Computing and Information Management through this email: fridah@kca.ac.ke

A Premier Business University of Choice

The Academic Registrar
Main Campus,
Thika Road, Ruaraka
P. O. Box 56808 - 00200 Nairobi, Kenya.
Tel: (+254) 020-3537842/8070408/8070409
Cell: (+254) 0710888022, 0715532187
E-mail: registrar@kca.ac.ke

Town Campus,
10th Floor, Eco Bank Towers, Muindi Mbingu Street
P. O. Box 56808 - 00200 Nairobi, Kenya.
Tel: (+254) 020-2211263/4/8
Email: registrar@kca.ac.ke

Western Campus,
Swan Centre, Oginga Odinga Street
P. O. Box 3207 Kisumu Kenya.
Tel: (+254) 057-2024094/95
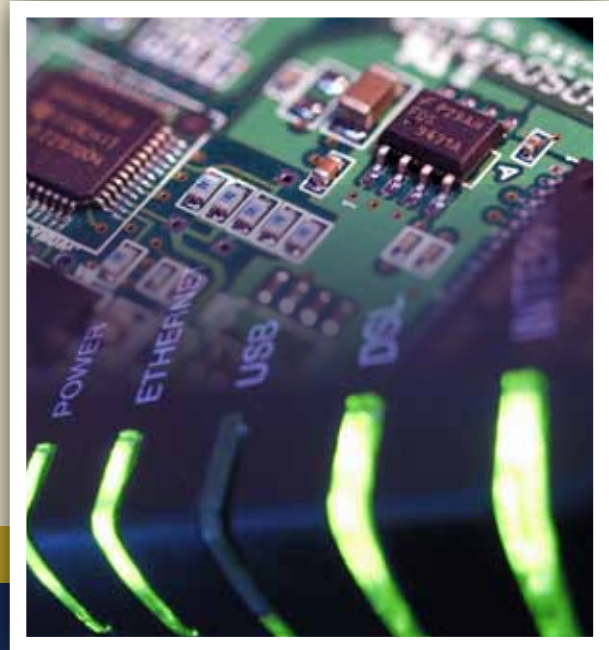Email: registrarkisumu@kca.ac.ke

Kitengela Campus,
4th Fl., Kitengela Capital Centre
P. O. Box 56808 - 00200 Nairobi, Kenya.
Cell: (+254) 0735-206256
Email: registrar@kca.ac.ke

www.kca.ac.ke

A Premier Business University of Choice

Faculty of Computing and Information Management

GRADUATE PROGRAMMES

Master of Science (MSc.) in Data Communications

This programme develops the students analytical skills and experience to work as a Professional Network Solutions Provider and IT Support Systems Administrator, particularly in environments where competence in network solutions, systems analysis and design and project management are required.

The program is delivered by experienced research and teaching staff with expertise in the latest theories, techniques and technologies. Students, in the first four tri-semesters will explore a variety of topical issues in networks, data communications and related areas. At the end of the programme one is required to complete a 20,000 word research project.

Holders of the MSC Data Communications may enter positions such as Network Managers and Network Analysts..

Entry Requirements
- Bachelor's degree in Computer Science, Information Technology, Electrical OR Electronics Engineering OR related discipline from a recognized university OR any other equivalent qualification recognized by the university senate

Course Duration: 2 years

UNDERGRADUATE PROGRAMMES

Bachelor of Science in Information Technology (BSc. IT)

This programme provides a solid technical foundation, so that students have practical understanding of how software systems are developed. Additionally, the student will learn how such systems are applied in a business context. The student undertakes industrial attachment in the second year and a research project in the final year. Upon graduating, one may enter positions such as Network Design and Maintenance, IS Support and Systems Administration and Programming.

Entry Requirements
- KCSE mean grade C+ (plus) with C (plain) in Mathematics and English any other equivalent qualification recognized by the university senate

Course Duration: 3 years

DIPLOMA PROGRAMMES

Entry Requirements
- KCSE mean grade of C (plain) and C- (Minus) in English and Mathematics OR any other equivalent qualification recognized by the university senate

Diploma in Information Technology (DIT)

This program is designed to provide a foundation to enable the students to integrate information technology into modern business management at the basic levels. Holders of this diploma can progress to the Bachelors of Science in Information Tecnology (BSc. IT) and are entitled to excemptions that drastically reduce the time spent pursuing the degree.

Course Duration: 15 Months

Diploma in Business Information Technology (DBIT)

This program provides students with information technology application knowledge as well as professional business management skills. Holders of this diploma can progress to the Bachelor of Science in Information Tecnology (BSc. IT), Bachelor of Business Information Technology, (BBIT) and Bachelor of Commerce (BCom) and are entitled to excemptions that drastically reduce the time spent pursuing the degree

Course Duration: 15 Months

Diploma in e-Commerce and Mobile Computing

This diploma is designed to produce computing graduates equipped to function as e-Commerce Analysts, Online Database Programmers, Mobile Network Infrastructure Designers and Mobile Applications Developers with emphasis on innovation. The student will understand practical application of electronic commerce in the mobile-telephony environment as well as Internet/WWW technologies and their application to mobile computing.

Course Duration: 15 Months

Diploma in IT Enabled Services

This diploma produces computing graduates with strong technical knowledge who wish to enter the Information Technology (IT) Sector as BPO Agents, e-Government Analysts, Online Database Programmers, e-Government Network Infrastructure Designers and Administrators, and e-Commerce Support with a strong foundation for entrepreneurship. Strong emphasis is put on the final year when students develop e- Government Portals and BPO Platforms projects that bring together the conceptual modelling knowledge, problem solving and independent critical thinking skills needed by information technology professionals/ knowledge workers.

Course Duration: 15 Months

Diploma in Network Security and Computer Forensics

This program prepares the student for a career in computer security, network security, or forensic investigation. The student gains skills in network security, scripting, and cryptographic protocols and how to perform forensic data analysis using the latest commercial tools (Encase and Forensic Tool Kit). Course work includes the legal frameworks and legislation related to computer crime, and how to present evidence to a court of law.

Course Duration: 18 months

CERTIFICATE PROGRAMMES

Entry Requirements
- KCSE C- (Minus) OR any other equivalent qualification recognized by the University Senate

Certificate in Information Technology

This program is for high school graduates who intend o undertake a university diploma programme but do not meet the entry requirement. Holders of this certificate can progress to the Diploma in Information Technology (DIT) and consequently to a Bachelor of Science in IT (BSc. IT) with excemptions.

Course Duration: 3 Months