

SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY

Information Technology Department

You can train in Information and Communication Technology (ICT) from a prestigious University right here in Kenya and qualify with to date computer skills greatly sought in the job market today! **Jomo Kenyatta University of Agriculture & Technology** has an Information Technology Department at its Juja Campus, which offers **Certificate, Diploma and Degree Courses**.



Training Approach

Our courses emphasize an approach through which the tutor and students focus on the applications of the skills being learned. Students are given hands-on experience and learn how to apply their knowledge in a real working environment. Employers value the competency-based approach. Employers have been quick to recognize the value of this competency-based approach.

Industry

This training is modeled with a practical skills-based approach and flexibility, making it ideal for industrial and business staff development and training schemes. It closes the gap between theory and practice and between training and work. Our cooperation with industry players in curriculum review offers direct certification in Databases, Cloud Computing, Mobile Application Development, Information Security, etc.

Mode of Study

Full-Time Basis, Evening/Weekend Basis (For Working Clientele) and Online Basis

Certificates, Diplomas and Degrees in Business and IT

Career Opportunities:

- | | |
|---|---------------------------|
| Application Developers (Mobile, Web, Desktop) | Network Security Experts |
| Digital Marketers | Data Scientists |
| Network Administrators | Systems Analysts |
| ICT User Support Staff | System Administrators |
| Software Architects | Interaction Designers |
| Business Development Managers | Business Process Analysts |
| ICT Project Managers | Graphic Designers |



Application Requirements

- i) A duly filled registration form - to be obtained from our offices upon payment of a non-refundable fee of Ksh. 500 for Diploma/Certificate and Ksh 1,500 for degree courses.
- ii) Two passport size photos.
- iii) Copies of relevant Certificates.



JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

Information Technology Department

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ICT CAREER STUDIES



MSc. in Information Technology

MSc. in Business Computing

MSc. in ICT Integration in Education and Instructional Design

BSc. in Information Technology

BSc. in Business Computing

Diploma, Certificate in Information Technology

Diploma, Certificate in Computer Networking and System Administration

Courses Offered

1. BSc. in Information Technology

The degree program is aimed at provide students with a wide range of software, technical and technological ICT skills required by industry .

Program Learning Outcomes

The Degree program is aimed at producing graduates who will:

- ◇ Have ability to use industry standard computer software and hardware.
- ◇ Get equipped with problem solving skills and can adapt to a fast changing technological world.
- ◇ Assist in system administration and networking in areas such as, production research, consultancy, and education.
- ◇ Progress academically to higher levels of education into relevant degree courses

2. BSc. in Business Computing

The course covers computing from a commercial or business perspective that opens up a wide range of career opportunities in either IT or general management as well as in a wide range of specialist software development roles.

Program Learning Outcomes

The degree program is aimed at producing personnel who will:

- ◇ Manage enterprise information and communication systems in business related organizations
- ◇ Design and run applications to support the operative functions of profit and non-profit organizations
- ◇ Evaluate different enterprise information systems, architectures and relevant information systems
- ◇ Learn new models, techniques, and technologies as they emerge and appreciate the necessity of such continuing professional development.

BSc. Eligibility (Any of the under listed)

- a) KCSE C+ (Plus) with C (Plain) in Maths and English
- b) Two Principal passes at K.A.C.E
- c) A Pass in Diploma In Information Technology (DIT), or an equivalent qualification recognized by Senate.

N.B: JKUAT Diploma holders in IT who have obtained a Credit pass and above or equivalent join the B.Sc. IT Course in **Year II.**

3. Diploma and Certificate in IT (DIT/CIT)

Program Learning Outcomes

The Courses are aimed at producing personnel who:

- ◇ Provide consultancy and advisory services in a dynamic world of ICT
- ◇ Design and develop quality and acceptable software solutions
- ◇ Diagnose, support and develop quality and acceptable ICT infrastructure
- ◇ Design, implement and support security in information systems / ICT environment

4. Diploma and Certificate in Computer Networking and System Administration

Program Learning Outcomes

- ◇ Support the analysis, planning, design, development, security and implementation of computer systems and networks.
- ◇ Design, install, configure, troubleshoot and manage components of computer systems and networks.
- ◇ Install, configure, and optimize microcomputer operating systems and network application software including Windows and Linux software.

DIT/CIT Eligibility (Any of the under listed)

- a) KCSE C (Plain) with C- (Minus) in Maths and English
- b) Credit pass and above in JKUAT IT Certificate
- c) KACE Certificate with a subsidiary pass in Maths or an equivalent qualification recognized by Senate

Certificate in IT:

KCSE C- (Minus) or an equivalent qualification recognized by Senate.

5. MSc. Programs

a) MSc. in Information Technology

The degree aims at meeting market needs by providing a broad technical understanding of current and evolving technologies in the ICT field with an emphasis on moving technology from the laboratory to the realm of business development.

b) MSc. in ICT Integration in Education and Instructional Design

The degree aims at producing graduates with required and relevant skills for integration of ICT in teaching and learning in the new digital age. This a conversion program therefore any bachelors degree in any field from a recognized university meeting the criteria below is legible.

c) MSc. in Business Computing

The course combines business and management skills with computing expertise. Learners will gain specialist, up-to-date computing, business and management knowledge with this intensive MSc. The course combines business and management skills with computing expertise in Data Science and Business Analytics.

MSc. Eligibility

Holders of a relevant Bachelor degree of at least Upper Second Class Honors from a recognized University OR Holders of a relevant Bachelor degree of at least Lower Second Class Honors from a recognized University with at least three years experience.

FEES

Year I	256,500
Year II	248,500
Total	505,000

Masters Programs

	Sem I	Sem II	Total
Year I	77,257	67,631	144,888
Year II	69,490	94,496	163,986
Year III	81,728	87,515	169,243
Year IV	84,942	83,783	168,725
TOTAL			646,842

Undergraduate Programs

	Sem I	Sem II	Total
Year I	55,044	46,127	101,171
Year II	50,758	46,127	96,885
Total			198,056

Diploma Programs

Tuition Fees	46,353
Other charges	10,328
Total Fees	56,681

Certificate Programs

N.B: Attachment fee is included for Degree and Diploma courses