

SHORT COURSES BROCHURE

Certificate in Computer Applications

(CCA)

This course teaches one how to use a computer and its applications in an office/business or computing environment in the following areas :-

- Introduction to Computers, Computer Systems and Operating Systems.
- Using the Microsoft Office applications (Word, Access, Excel, Power point, Outlook etc.).
- Using Web Technologies for managing Email and using search engines.

IT Essentials

This course provides an excellent introduction to IT and an interactive exposure to personal computers, hardware, and operating systems. Students participate in hands-on activities and lab-based learning to become familiar with various hardware and software components. For example :-

- Perform step-by-step assembly of a desktop computer.
- Install, repair & navigate an Operating System
- Upgrade/Replace components of a laptop, printer, or scanner.

International Computer Driving License

(ICDL)

This course equips students with confidence to participate in the global digital society; improves the students quality of life by gaining a better working knowledge of computers; increase their value in the workplace by possessing a valuable credential.

It is suitable for anyone who needs internationally recognized certification in Microsoft office end-user applications .

Cisco Certified Networking Associate

(CCNA)

Designed for people who have no previous computer networking experience, candidates include school-leavers, graduates and mature entrants retraining for a second career. The four semesters are :-

- **CCNA 1** Network Fundamentals.
- **CCNA 2** Routing Protocols & Concepts.
- **CCNA 3** LAN Switching and Wireless.
- **CCNA 4** Accessing the WAN.

The Academy also provides on-line access to the curriculum, hands-on laboratory, and skills tests.

CCNA Security

The Cisco CCNA Security curriculum provides a next step for individuals who want to enhance their CCNA-level skill set and help meet the growing demand for network security professionals. The curriculum provides an introduction to the core security concepts and skills needed for the installation, troubleshooting, and monitoring of network devices to maintain the integrity, confidentiality, and availability of data and devices..

CCNA Voice

This course provides the knowledge and skills required to administer a voice network. E.g. skills in VoIP technologies like IP PBX, IP telephony, handset, call control, and voicemail solutions etc.



Cisco Certified Networking Professional

(CCNP)

Teaches the advanced skills required to manage end-to-end network infrastructures, and applications deployed on the edge of a network i.e. Wireless, Security & Voice. The three semesters are:

- **ROUTE:** Implementing Cisco IP Routing.
- **SWITCH:** Implementing Cisco IP Switched Networks.
- **TSHOOT:** Troubleshooting and Maintaining Cisco IP Networks.

Microsoft Certified IT Professional

This course is for professionals who examine and investigate company needs and then plan, design, install, configure, maintain, and troubleshoot Microsoft Windows Server solutions, SQL Database server systems etc.

LINUX Systems Administration

This course helps student discover the tools used by System administrators in a Linux environment. The course teaches how to install, administer, configure and upgrade a Linux system running one of the three major Linux distribution families (Red Hat, SUSE, Debian/Ubuntu).

ORACLE

Validate your skills in keeping an Oracle database environment running at maximum efficiency with the Oracle Certified Associate 10g. Students learn to install, maintain, troubleshoot and fine tune all aspects of an Oracle database .

NEW SHORT COURSES

Multimedia courses

Imagine your projects created using more than one expressive form (or medium) with the aid of computers. graphics and image editing, animation, videos and presentations, and using the Internet and the Web. Some of the courses include;

- Certificate in Graphics & Image editing
- Certificate in Video editing & 3D Animation
- Advanced Website Development

Certificate in Geographical Information Systems (GIS)

Students learn to design and develop geographical information systems and also understanding what captures, stores, analyzes, manages, and presents data that is linked to location.

Computer Systems Engineering (CSE)

Candidates will learn to design, implement and maintain computer systems. The modules include;

- Basic electronics
- Microprocessor Technology
- Digital Technology
- Computer Programming
- Embedded Systems
- Advanced Computer Maintenance

Students also conduct experiments and as part of the requirement to complete the course work on relevant industry challenges as part of their project.

Mobile Applications Development

Students learn the process by which application software is developed. They also develop applications for low-power handheld devices, such as personal digital assistants, enterprise digital assistants or mobile phones using platforms like Android, Adobe AIR, Firefox, Windows etc.



Course	Tuition	Duration
Certificate in Computer Applications (CCA) Regular (9am - 11am, 2pm - 4pm, 7pm - 9pm) Weekend (9am - 2pm Saturday & Sunday)	115,000	5 wks
IT Essentials Regular (10am - 12pm, 2pm - 4pm, 6pm - 8pm)	300,000	6 wks
Microsoft Certified Information Technology Professional (MCITP) Evening (6pm - 9pm) each module	600,000	8 wks
Cisco Certified Networking Associate (CCNA) Regular (10am -12pm, 2pm - 4pm, 7pm -9pm) Early morning (6am - 8am) Weekend (Saturday & Sunday)	550,000 500,000 550,000	6 Mos 4 Mos 6 Mos
International Computer Driving License (ICDL)	460,000**	2 Mos
Computer Systems Engineering (CSE)	600,000	10 wks
ORACLE Database Administration and SQL	650,000	3 Mos
Cisco Certified Networking Professional (CCNP) Evening (6pm - 9pm)	800,000	6 Mos
Multimedia courses Cert. in Graphics & Image Editing Dynamic Website Development Certificate in Video editing & 3D Animation	300,000 500,000 450,000	8 wks 8 wks 10 wks
Certificate in Geographical Information Systems Introduction to GIS (5pm - 7pm)	300,000	4 wks
CCNA Security (6:30pm - 8:30pm) CCNA Voice (Weekends only)	500,000 400,000	2 Mos 4 wks
LINUX Systems Administration (Weekends only)	400,000	8 wks
Mobile Applications Development (5 pm - 8 pm)	500,000	8 wks

Ladies Discount Rates:

CCNA @ UgShs 500,000 and IT Essentials UgShs 250,000

*** Tuition includes Training and Certification*



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MAKERERE UNIVERSITY



COLLEGE OF COMPUTING & INFORMATION SCIENCES

