



# UNIVERSITY COMPUTING CENTRE LIMITED.

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## CERTIFICATION IN IT ESSENTIALS I & II UNDER Cisco NETWORKING ACADEMY PROGRAM

*The University Computing Centre of the University of Dar Es Salaam invites applications from interested people wishing to pursue a 4 months COURSE in IT ESSENTIALS I & II Under the Cisco Networking Academy Program due to begin In October, 2008 at its ultramodern premises at the main campus-University of Dar es Salaam.*

### 1. Course Objectives

*In IT Essentials I*, students will be introduced to Information Technology that includes an overview of IT, math for the digital age, introduction to networking, PC hardware, software installation, maintenance, safety, and troubleshooting. This course provides an in-depth exposure to personal computer hardware and desktop operating systems

*In IT Essentials II*, students will be provided an excellent overview of Network Operating Systems and Networking Fundamentals. The course covers TCP/IP concepts and processes, as well as network administration; the student will learn the configuration of network services, including basic network security and troubleshoot

### 2. Target Group

People with desire to acquire cutting-edge skills and know-how in PC hardware and software, Network Operating Systems and networking.

### 3. Minimum Entry Requirements

To qualify for admission, applicants must possess an Ordinary level certificate or higher and must have passed in mathematics subject, as well as a desire/motivation to learn the curriculum.

### 4. Learning Outcome

At the end of this course participants will acquire the academic requirements to sit the [CompTIA's A+ certification](#) And the CompTIA Server+ certification.

### 5. Course Content, Timing and Grouping

MAJOR AREA	COURSES	COURSE TIMING	CONTENTS
IT ESSENTIALS I	CISCO PROGRAM SPONSORED BY HEWLETTPACKARD COMPANY.	1700 – 2000 hrs Monday to Friday	Information Technology Basics, How Computers Work, Assembling a Computer, Operating System Fundamentals, Windows 9X Operating Systems, Multimedia Capabilities, Windows NT/2000/XP Operating Systems, Hardware Fundamentals for servers, Networking Fundamentals, Printers and Printing, Preventive Maintenance, Troubleshooting PC Hardware and Troubleshooting Software
IT ESSENTIALS II	CISCO PROGRAM SPONSORED BY HEWLETTPACKARD COMPANY.		Operating System Fundamentals, Introduction to Networking, Physical Components of A Network, TCP/IP Networking, Overview of Network Services, Introduction to Networking Operating Systems, Installation and Boot Process Overview, Windows 2000 Professional, Linux Installation, Linux Administration, Advanced NOS Administration and Network Security

### 6.Fee

Fee is USD 500.00 for both module IT essentials I & II and USD 300 for only one module. This fee covers tuition, courseware during the course. This can be paid in two installments

### 7.Registration

Interested participants should collect application forms from room G09 at the University Computing Centre-UDSM after paying a non-refundable fee of Tshs.10, 000/=, Women are encouraged to apply.

*Professionalism, Customer Care, and Technological Foresight!*