

### 3. CCNA Security:

The Cisco Networking Academy CCNA Security course provides a next step for individuals who want to enhance their CCNA-level skills set and help meet the growing demand for network security professionals. The curriculum is a hands-on, career-oriented e-learning solution with an emphasis on practical experience to help students develop specialized security skills to start and advance their careers in network security. It 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 Security prepares students for entry-level security career opportunities with job placement such as network security engineer, network security specialist, junior security specialist and network security administrator. It also prepares students to successfully take the **Implementing Cisco IOS Network Security (IINS) certification exam (640-554)** leading to the **Cisco CCNA Security** certification.

#### More Course Details:

Course Venue: <b>UCC-HQ and UCC Branches</b>	Course Fees: <b>USD 600</b>
Course Duration: <b>3 Months (2hrs/day, Monday - Friday)</b>	Course Start Date: <b>18<sup>th</sup> November 2013 (UCC-HQ)</b>

Interested candidates should pick our application forms, fill them appropriately and submit them at the UCC location you wish to take the course. The application forms may also be downloaded from our website at **[www.ucc.co.tz](http://www.ucc.co.tz)**

**We also offer customized courses tailored to your needs; these are also known as Tailor-Made Courses**

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## Training Services HQ Branch

### Cisco Networking Academy Courses (version 2 of 2013)

**Why take your technology related courses at the Cisco Networking Academy at UCC?... These are the benefits:**

1. Courses offered under the Cisco Networking Academy are world-class!
  - Their materials are classic, very high quality and are created in the U.S.A by Cisco Networking Academy professionals.
  - You will be one among more than 700,000 students who are taking the same course(s) in more than 160 countries at the same time as you. All these students use the same materials to gain knowledge, skills and success!
  - At the end you will be one among more than 4,000,000 people who have taken a course in the Networking Academy before. You will be able to join the Networking Academy Alumni community which allows you to continue to get access to future curriculum materials to help you maintain your professional knowledge and skills over time.
2. Technology courses in the Cisco Networking Academy prepare you for professional industry certifications  
The world today has turned into a global village! Industry certifications allow you to showcase your professionalism and get recognised.  
With industry recognized certifications the sky is the only limit for you!
3. At UCC you will be trained by the most skilled and experienced authorized Cisco Networking Academy instructors in the country.
  - You get a lecture for each chapter you cover in the course you are taking. In addition you practice the knowledge you acquire in class by doing labs on real equipments and simulation tools – this helps you build the skills you need to prove yourself and succeed as a professional.
  - After completion of your course in our academies you will be eligible to get a letter which introduces you to potential employers for practical training, internship or employment.

All the above benefits PLUS guidance and assistance from the most learned and experienced authorized Cisco academy instructors in Tanzania.

## Cisco Curriculum Courses on Offer:

### 1. IT Essentials v5.0

This course prepares you for job opportunities such as PC Technician, PC Support Specialist and End User Support Technician/Specialist.

The course covers the essential knowledge and skills you need to enter the world of technology in the modern world. The course gives you in-depth knowledge and skills on: PC Hardware and Software; performing step-by-step assembly of a computer system followed by operating systems and applications installation; repairing, upgrading and troubleshooting computers; implementing basic physical and software security principles; laptops, printers and scanners and how to upgrade and replace their components based on customer needs; basics of computer networks and how to configure computers to connect to an existing network; good communication skills and professional behaviour and how to apply them while working with customers; explain and perform preventive maintenance; how to protect yourself, devices, equipment and the environment from accidents, damage and contamination; how to assess customer needs, analyze possible configurations, and provide solutions or recommendations for hardware, software, networking and security.

- IT Essentials v5.0 prepares you for the **CompTIA A+** industry certification exam
- The IT Essentials course also prepares you for the Cisco Certified Network Associate (CCNA) curriculum course

#### More course details:

Course Venue: <b>UCC-HQ and UCC Branches</b>	Course Fees: <b>USD 400</b>
Course Duration: <b>3 Months (3hrs/day, Monday - Friday)</b>	Course Start Date: <b>2<sup>nd</sup> December 2013 (UCC-HQ)</b>

### 2. CCNA Discovery v4:

CCNA Discovery provides an integrated and comprehensive coverage of networking topics. It provides general networking theory, practical experience, and opportunities for career exploration and soft-skills development. The course teaches networking based on application, covering networking concepts within the context of network environments students may encounter in their daily lives—from small office and home office (SOHO) networking to more complex enterprise and theoretical networking models later in the curriculum.

The CCNA course is offered in four modules:

1. **Networking for Home and Small Businesses:** Uses a Small Office Home Office (SOHO) network to introduce some basic networking con-

cepts such as cabling, addressing, wireless, and security, and teaches students how to plan, deploy, and troubleshoot a small network.

### 2. Working at a Small-to-Medium Business or ISP and Introducing Routing and Switching in the Enterprise:

The second and third courses use small and medium business and enterprise sized networks to take concepts such as IP addressing, switching, routing, WAN technologies, and security to the next level. Associated concepts such as advanced routing protocols, enterprise switching, and network performance are introduced gradually as the complexity and size of the network grows.

Students learn how to configure routers and switches for basic to medium functionality. By the end of the third course, students will be able to configure and troubleshoot routers and switches and resolve common issues in IPv4 networks relating to IP addressing, RIPv1, RIPv2, Enhanced Interior Gateway Routing Protocol (EIGRP), single-area OSPF, Virtual LAN (VLANs), Inter-VLAN routing, the Spanning Tree Protocol (STP), VLAN Trunking Protocol (VTP), DHCP, NAT and Access Control Lists (ACLs).

### 3. Introducing Routing and Switching in the Enterprise:

Discussed together with 2 above.

### 4. Designing and Supporting Computer Networks:

Consolidates many of the concepts and introduces elements of network design, equipment selection and configuration, and LAN and WAN addressing. An integrated case study presents critical thinking scenarios to help students develop skills such as analyzing business objectives, determining technical requirements and constraints, planning timelines and resources, and preparing and delivering customer presentations.

CCNA Discovery helps prepare students for entry-level networking career opportunities with job placement such as network engineer, network administrator, network specialist and junior network specialist depending on the size of the organizational network managed. Students learn the basics of routing, switching, and advanced technologies to help them prepare for the **Cisco CCENT™** certification for entry network technicians and the industry-standard **Cisco CCNA** certification.

#### More course details:

Course Venue: <b>UCC-HQ and UCC Branches</b>	Course Fees: <b>USD 800</b>
Course Duration: <b>6 Months (2hrs/day, Monday - Friday)</b>	Course Start Date: <b>18<sup>th</sup> November 2013 (UCC-HQ)</b>