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

Interested candidates should pick our application forms, fill them appropriately and submit them at the UCC branch you wish to take the course. The application forms may also be downloaded from our website at www.ucc.co.tz

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

Contact us at Tel: 255 22 2410645, 255 22 2410641

Fax: 22 2410690, Mobile: 0754 782120

Website: www.ucc.co.tz

P.O. Box 35062 Dar Es Salaam, Tanzania

UCC Building, University Road, UDSM Mlimani Campus

E-Mail: training@udsm.ac.tz



**UNIVERSITY OF DAR ES SALAAM
COMPUTING CENTRE**

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Training Services HQ Branch

CCNA Security

Opportunity

The Internet is changing life as we know it – bringing new economic and social opportunities to communities throughout the world, and increasing the global demand for information and communication technology (ICT) skills. Security and risk management skills are among the most highly sought after skills in networking, and demand continues to grow. Organizations around the world are experiencing a shortage of qualified ICT candidates with the specialized knowledge and skills needed to administer devices and applications in a secure infrastructure, recognize network vulnerabilities, and mitigate security threats.



Introducing Cisco CCNA Security

Course Description

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 net-

work 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.

Course Objectives

Upon completion of the CCNA Security course, students will be able to perform the following tasks:

- Describe the security threats facing modern network infrastructures
- Secure network device access
- Implement Authentication, Authorization and Accounting (AAA) on network devices
- Mitigate threats to networks using Access Control Lists (ACLs)
- Implement secure network management and reporting
- Mitigate common Layer 2 attacks
- Implement the Cisco IOS firewall feature set
- Implement a Cisco Adaptive Security Appliance (ASA)
- Implement the Cisco IOS Intrusion Prevention System (IPS) feature set
- Implement site-to-site IPsec Virtual Private Networks (VPNs)
- Administer effective security policies

Course Outline

This course covers the following chapters:

1. Modern Network Security Threats
2. Securing Network Devices
3. Authentication, Authorization and Accounting (AAA)
4. Implementing Firewall Technologies
5. Implementing Intrusion Prevention
6. Securing the Local Area Network
7. Cryptography
8. Implementing Virtual Private Networks (VPNs)
9. Managing a Secure Network
10. Implementing the Cisco Adaptive Security Appliance (ASA)

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.

Course Offering Details:

Course Venue: UCC-HQ and UCC Branches	Course Fees: USD 600
Course Duration: 3 Months (2hrs/day, Monday - Friday)	Course Start Date: 18thNovember 2013(UCC-HQ)

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! In-