



# UCC Dodoma Branch Cisco Networking Course

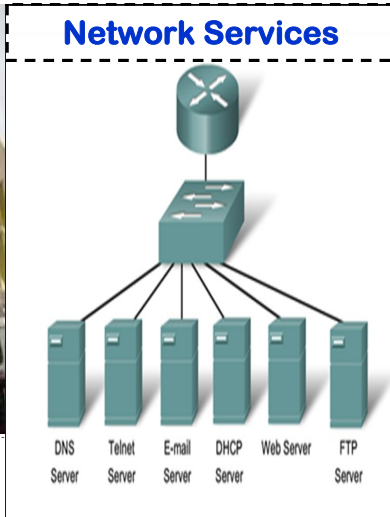


## Under Distance Learning Mode for 12 Months

The University of Dar es Salaam Computing Centre (UCC) in collaboration with Cisco Networking Academy Programs (CNAP) introduces to you to pursue a Professional Certificate Course in **CCNA Routing and Switching** for one year (12 months) to IT professionals working within Tanzania.



UCC Dodoma Branch Office at Mtendeni Street (BIMA House)



### Entry Requirements

To qualify for admission, a candidate must possess **Advanced Diploma in IT/ Telecoms/ Electronics/ Electrical/ Computer Science/ Engineering/ Information Systems or above qualifications.**

Start Date: **03/08/2015 to 29/07/2016**  
 Course Fee: **500 USD**  
 Application Fee: **TShs. 15,000.00**  
 Application deadline: **17/07/2015**

**Note:** Attach academic transcripts  
 Higher Learning students will be registered at discounted fee of **400 USD**, ID is required.

## Course Contents and Schedule of Distance Learning Mode

S/N	Semester Title	Self Study Session	Face to Face Session	Assessment Date for Semester Final Exams
1	<b>Introduction to Networks</b>	03/08/2015-09/10/2015	12/10/2015-14/10/2015	15/10/2015-16/10/2015
2	<b>Routing and Switching Essentials</b>	02/11/2015-08/01/2016	11/01/2016-13/01/2016	14/01/2016-15/01/2016
3	<b>Scaling Networks</b>	01/02/2016-08/04/2016	18/04/2016-20/04/2016	21/04/2016-22/04/2016
4	<b>Connecting to Networks</b>	02/05/2016-27/05/2016	18/07/2016-20/07/2016	21/07/2016-22/07/2016

First Semester Introduction to Networks	Second Semester Routing and Switching Essentials	Third Semester Scaling Networks	Fourth Semester Connecting to Networks
1. Exploring the Networks 2. Configuring a NOS 3. Network Protocols and Communications 4. Network Access 5. Ethernet 6. Network Layer 7. Transport Layer 8. IP Addressing 9. Subnetting IP Networks 10. Application Layer 11. It's a Network	1. Introduction to Switched Networks 2. Introduction to Switched Networks 3. VLANs 4. Routing Concepts 5. Inter-VLAN Routing 6. Static Routing 7. Routing Dynamically 8. Single-Area OSPF 9. Access Control Lists 10. DHCP 11. Address Translation for IPv4	1. Introduction to Scaling Networks 2. LAN Redundancy 3. Link Aggregation 4. Wireless LANs 5. Adjust and Troubleshoot Single-Area OSPF 6. Multi-area OSPF 7. Enhanced Interior Gateway Protocol (EIGP) 8. EIGRP Advanced Configurations and Troubleshooting 9. IOS Images and Licensing	1. Hierarchical Network Design 2. Connecting to the WAN 3. Point-to-Point Connections 4. Frame Relay 5. Network Address Translation for IPv4 6. Broadband Solutions 7. Securing Site-to-Site Connections 8. Monitoring the Network 9. Troubleshooting the Network

### For more information:

Please call +255 026 2322217 or +255 26 2322217  
 or +255 713 755498/ +255 759 200291  
 Email: dodoma@udsm.ac.tz, mangando@uccmail.co.tz

**Mode of Application:**  
 Send completed scanned application form to the above both email addresses

### Bank Account Details:

Bank Name: **CRDB Dodoma**  
 Account Name: **University of DSM Computing Centre**  
 TShs Account Number: **01J1020063301**  
 US Dollar Account Number: **02J1020063301**  
**Note: Fee can be paid in three instalments in three semester**  
 Website: **www.ucc.co.tz**