



# University of DSM Computing Centre-Mwanza Branch.

## Diploma in Computing and IT

### COURSE CONTENTS

SEMESTER 1	
CTT 05101	Computing Mathematics
CTT 05102	Business Communication
CTT 05103	Introduction to Networks
CTT 05104	Introduction to Computer Programming
CTT 05105	Web Technologies
SEMESTER 2	
CTT 05206	Entrepreneurship & Innovations
CTT 05207	Routing and Switching Essentials
CTT 05208	Event-Driven Programming
CTT 05209	Database systems
CTT 05210	Introduction to Information Systems Security
SEMESTER 3	
CTT 06101	Systems Analysis and Design
CTT 06102	Scaling Networks
CTT 06103	Developing Database Applications
CTT 06104	Object Oriented Programming
CTT 06105	Design and Implementation of Database-Driven websites
SEMESTER 4	
CTT 06206	Introduction to Project Management
CTT 06207	Connecting Networks
CTT 06208	Linux
CTT 06209	Mobile Applications Development
CTT 06210	Final Year Project

### FEES STRUCTURE.

Money payable directly to the University of DSM Computing Centre (In Tshs)	
Tuition fee	2,800,000
Examination fee	60,000
Identity card	12,000
Caution money	10,000
Stationary costs	100,000
Graduation fee	30,000
NACTE Quality Assurance fee	30,000
Manual's Costs	140,000
<b>Total</b>	<b>3,182,000</b>

This fee is for two years and may be paid in full at the beginning of first semester or in eight installments basis as follow

Semester	1 <sup>st</sup> install.	2 <sup>nd</sup> install.	Total
1st	452,000	345,000	797,000
2 <sup>nd</sup>	450,000	345,000	795,000
3rd	450,000	345,000	795,000
4th	450,000	345,000	795,000

### For more information please contact

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Website: [www.ucc.co.tz](http://www.ucc.co.tz)

**UNIVERSITY OF DAR ES SALAAM COMPUTING CENTRE**

**Microsoft CERTIFIED Partner**

**CISCO**

**Linux Professional Institute**

**International Computer Driving Licence (ICDL)**

**DIPLOMA IN COMPUTING AND INFORMATION TECHNOLOGY AT UCC**

**AUGUST 2017 INTAKE-Join Now!!**

*One stop Centre for your ICT solutions*

## 1.0 INTRODUCTION

The University of Dar es Salaam Computing Centre offers a Diploma Programme in Computing and Information Technology. This Diploma programme which follows both NACTE and CCNA based curricula, is more practical oriented, competence based and has been designed to absorb the current development Technology, provide competitive academic outputs in terms of quality technical training and produce IT professionals who are ready to engage in local and international industries.

The diploma programme also serves as a bridge for those aspiring for higher learning in Information and Communication Technology.

## 2.0 DURATION

This is a two-year programme managed in 4 semesters

## 3.0 OBJECTIVES OF THE PROGRAMME

### *The objectives of the programme are to:*

- a) Provide basic and up to date knowledge and skills on effective Information Communication Technology where students can apply the knowledge for their career enhancement, professional advancement and organizational growth.
- b) Offer intensive and practical aspects that cover a wide range of in-demand and relevant areas pertaining to Information and Communication Technology.

## 4.0 EXPECTED RESULTS

*The programme is expected to produce technically trained personnel who are ready to:*

- Support regular use of ICT in organizations
- Implement proprietary and Free & Open Source systems in organizations
- Manage ICT resources
- Develop web applications and databases
- Participate in software Development
- Engage in self-employment
- Manage ICT related projects
- Sit for Server+ Certified Examinations
- Sit for CCNA Certified Examination
- Join degree programme in ICT related fields

## 5.0 ENTRY QUALIFICATIONS

- (i) Advanced Certificate of Secondary Education with at least 1 principle pass and a subsidiary or three subsidiaries. Candidate must also possess passes in Mathematics and English at Ordinary Secondary School Level.

OR

- (ii) Basic Technician Certificate (NTA Level 4) in Computer Science, Computer Engineering or Information Technology from any institution recognized by NACTE or equivalent qualifications.

## 6.0 STARTING DATE & TIMING

**Starting Date:** 21/08/2017

Afternoon Session: 12:00-16:00hrs

Evening Session: 16:00-20:00hrs

Deadline for Application: **31/05/2017**

## MODE OF APPLICATION

All eligible applicants are required to apply through NACTE Online Admission System (NOAS) link of <http://cas.nacte.go.tz:8080/noas/> in which the modality and procedures for application will be accessible.

Note: Payment Instructions: Please follow the steps below to pay through M-Pesa:

1. Dial \*150\*00#
2. Select 4. Payments
3. Select 4. Enter business number
4. Enter the business number (607070)
5. Enter reference No. (1234)
6. Enter Amount (e.g 20,000/=)
7. Enter PIN
8. Press 1 to Confirm

After confirmation you will receive a message from Vodacom (e.g. "**BA54KP432** Confirmed.

\*Use the confirmation code at the beginning of the message to enter on payment details text box (**BA54KP432**).

## LOCATION AND PLACE

The course will be conducted at UCC Mwanza branch in the ALFA building along ***Kenyatta road.***