

UNIVERSITY OF DAR ES SALAAM



COLLEGE OF INFORMATION AND COMMUNICATION TECHNOLOGIES DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ADMISSION INTO THE DIPLOMA IN COMPUTER SCIENCE PROGRAMME FOR THE SESSION BEGINNING OCTOBER 2017

Applications are invited from qualified candidates wishing to pursue a two-year Diploma in Computer Science programme due to start in October 2017. The Diploma is intended to meet the demand for trained Informatics technicians with adequate skills and knowledge to service the Information Technology Industry and other sectors of the economy engaged in the application of Informatics. The Diploma will also serve as a bridge for those aspiring to join institutions of higher learning for Advanced Diploma or Degree programmes in Information and Communication Technology. The programme will be run by the Department of Computer Science and Engineering and will be offered as an evening and regular programmes.

Programme Content

First Year Courses

IS 076: Introduction to Computer Programming in C
IS 075: Computer hardware and system maintenance
IS 052: Office Automation
IS 063: Professional Issues in Information Systems Practice
IS 080: Communication skills II
IS 064: Introduction to Computer Architecture
IS 091: Computing Mathematics I
IS 067: Fundamentals of Computerized Accounting
IS 060: Introduction to Data Structures and Algorithms
IS 050: Web Technologies and Applications
IS 070: Introduction to Information systems analysis and design
IS 078: Fundamentals of Computer Networks

Second Year Courses

IS 055: Design and implementation of Object Oriented Applications
IS 057: Introduction to Database Systems
IS 081: Introduction to Computer Networks Design and Administration
IS 092: Computing Mathematics II
IS 068: Introduction to Project Management
IS 073: Introduction to System Security
IS 079: Business Systems
IS 074: Introduction to Mobile computing
IS 056: Operating Systems and their configurations
IS 098: Final Year Informatics Project

Entry Qualifications

Category A: Direct Entry

Certificate of Secondary Education Examination (C.S.E.E.) or equivalent with passes in at least four approved subjects including Mathematics, and one of the following combinations of passes in the Advanced Certificate of Secondary Education Examination or equivalent:

- (i) Three Subsidiary passes in Computer Science, Advanced Mathematics, Basic Applied Mathematics, Physics, Chemistry, Economics, Commerce, Geography, Biology or Accountancy.

OR

- (ii) One principal level pass at least grade 'C' or better in any of the subjects listed in (i) above.

OR

- (iii) One principal level pass and a subsidiary pass in any of the subjects listed in (i) above.

OR

- (iv) A Certificate in Computer Science with an average GPA of at least 2.7 out of 5.0 from recognized institution.

OR

- (v) Any Bachelor Degree from recognized institution.

Category B: Equivalent Qualifications

Certificate of Secondary Education Examination (C.S.E.E.) or equivalent with passes in at least four approved subjects and one of the following qualifications:

- (i) A Certificate in Computer Science (or related field) with an average GPA of at least 3.0 out of 5.0 or a Diploma at a good standing from recognized institution.

OR

- (ii) A qualification of an equivalent standard awarded by recognized professional bodies such as the National Board of Accountants and Auditors and the Business Education Council.

OR

- (iii) A Form VI certificate with at least two subsidiaries in the subjects listed in (a) (i) above plus at least two years industrial experience in ICT.

Fees

TShs. 1,000,000 for Tanzanians and US \$ 1,200 for non-Tanzanians per year paid in two equal installments to cover tuition fee.

Mode of Application

Application forms can be obtained from the Department of Computer Science located at CoICT-Kijitonyama Campus, University of Dar es Salaam.

All duly completed application forms, accompanied by a bank slip of non-refundable application fee of TShs. 20,000/= for Tanzanians and USD 20 for non-Tanzanians to be paid through NBC bank account **040103000780**; account name: **UDSM-Computer Science Department** should be submitted to:

The Head,
Department of Computer Science and Engineering,
P.O. Box 33335,
Dar es Salaam.
Tanzania
E-Mail: cse@udsm.ac.tz

Programme Venue

- (i) The Diploma programme will be conducted at the University of Dar es Salaam CoICT-Kijitonyama Campus

The deadline for submission of dully filled application forms is **31st August, 2017**.

For more information contact programme Coordinators: **0716 290 994, 0713090458 or 0713404819**.