

DIPLOMA IN COMPUTER NETWORKING

Programme Details:

This programme is a modern qualification aimed at equipping students with vital knowledge, understanding and skills relevant for every networking professional in the competitive and demanding networking arena. The course grounds many of the concepts in current practice and recent developments in networking. If you are considering computer networking as a career or are considering doing professional computer networking exams, this course is for you.

Core modules:

- C5-CE1-20 Computer and its Essentials 1 (10)
- C5-PLD-20 Programming Logic and Design (10)
- C5-MAT-20 Mathematics (10)
- C5-OSH-11 Operating Systems and Hardware (20)
- C6-PIE-20 Professional Issues and Ethics (10)
- C6-NEF-20 Networking Fundamentals (20)
- C6-DBC-20 Database Concepts (10)
- D6-AWS-20 Academic Writing for STEM (10)
- C6-CE2-20 Computer and its Essentials 2 (10)
- C6-CSA-20 Computer System Architecture (10)
- C6-MDW-20 Managing Business Desktops using Windows (10)
- C6-PUC-20 Programming using C++ (20)
- C6-NSE-20 Network Security (10)
- C6-RSW-20 Routing and Switching (20)
- C6-WDD-19 Web Design and Development (20)
- C6-EOL-20 Essentials of Linux (10)
- C7-WNS-20 Wireless Networks (10)
- C6-SCN-20 Scaling Networks (20)
- C7-LWD-20 LAN and WAN design (20)
- C7-SDN-20 Software Defined Network Engineering (10)
- C7-ITM-20 IT Infrastructure Management (10)
- C8-LNA-11 Linux Network Administration (20)
- C7-RMS-20 Research Methods for STEM (10)
- C7-ISM-20 IT Service Management (10)
- C7-PPC-20 Professional Practice in Computing (40)

Semester 1:

- C5-CE1-20, C5-PLD-20, C5-MAT-20, C5-OSH-11, C6-PIE-20

Semester 2:

- C6-NEF-20, C6-DBC-20, D6-AWS-20, C6-CE2-20, C6-CSA-20

Semester 3:

- C6-MDW-20, C6-PUC-20, C6-NSE-20, C6-RSW-20

Semester 4:

- C6-WDD-19, C6-EOL-20, C7-WNS-20, C6-SCN-20

Semester 5:

- C7-LWD-20, C7-SDN-20, C7-ITM-20, C8-LNA-11

Semester 6:

- C7-RMS-20, C7-ISM-20, C7-PPC-20

Admissions Criteria:

- NSSC(O)/equivalent with minimum of 25 points in any 5 subjects
- The student should have a grade D (or equivalent) in Mathematics or better and a grade E (or equivalent) in English or better
- Applicants in possession of a Diploma or Higher Diploma in related field maybe given exemptions based on the credit point equivalency