

FACULTY OF ENGINEERING & TECHNOLOGY

(CONTINUED)

- ISD - 18, C8-APD-20)

Admissions Criteria

1) Applicants are expected to have completed secondary schooling. The typical entry criteria requirement is NSSC or IGCSE or other equivalent secondary school qualification. Applicants are required to have minimum D or above in five subjects.

2) Applicants must have 10 points in English and Mathematics combined or 32 points in the top 5 subjects.

3) Applicants in possession of a Diploma or Higher Diploma in related field may be given exemptions based on the credit point equivalency.

4) For enquiries and more information please visit our website: www.botho.na

Diploma in Computer Networking

Programme details:

The Diploma in Computer Networking 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. The qualification will produce graduates suitable for positions as Network Specialist, Network Technician, Network Administrator, Network Analyst, Network Manager, Network Engineer, Network Solutions Architect.

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

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**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 Pass (D) in 5 subjects.