

PROGRAMME NAME

LEVEL 5 DIPLOMA IN IT NETWORK

PROGRAMME OVERVIEW

This diploma programme provides students with the essential tools for designing, implementing, and administering networking devices as well as providing services for computer networking security. Adding value to the programme, students may also be industry-certified by globally-recognised tech companies such as Oracle, ComptiA and Cisco.

PROGRAMME STRUCTURE

The total credit value of this programme is **92 CV**

Semester 1

- Pendidikan Islam
- Mathematics for ICT
- Communication Skills for ICT
- Health, Safety, Security, and Environment
- Computer System Architecture
- Information Systems Essentials

Semester 2

- Pengajian Melayu Islam Beraja
- Entrepreneurship
- Basic Web Programming
- Introduction to Programming
- Multimedia and Creative Technology
- Network Fundamentals

Semester 3

- Object-Oriented Programming
- Systems Analysis and Design
- Computer Network & Data Communication
- Internetworking
- Information Security

Semester 4

- Data Network Management
- Mobile and Wireless Computing
- Network Programming
- Project Management
- IT Project: Ideation

Semester 5

- Cloud Computing
- IT Project: Solution

Semester 6

- Catalyst: IT Academy
- Internship
- Enrichment

CAREER & PROGRESSION

Career opportunities:

Career opportunities will include a wide variety of networking-related paths from computer networking and security technical services, design, and consultancy among others.

Academic Progression:

Graduates choosing to pursue further studies may consider the following local universities (subject to CGPA obtained and entry requirement):

- Universiti Brunei Darussalam (UBD)
 - Bachelor Of Digital Science (Major in Computer Science)
 - Bachelor Of Digital Science (Major in Data Science)
 - Bachelor Of Digital Science (Major in Artificial Intelligence (AI) & Robotics)
 - Bachelor Of Digital Science (Major in Cybersecurity & Forensics)

- Universiti Teknologi Brunei (UTB)
 - Bachelor of Science (Honours) in Computing (Major in Data Analytics)
 - Bachelor of Science (Honours) in Computing (Major in Software Development)
 - Bachelor of Science (Honours) in Computer and Information Security
 - Bachelor of Science (Honours) in Computer Networking
 - Bachelor of Science (Honours) in Digital Media
 - Bachelor of Science (Honours) in Creative Multimedia

TESTIMONIAL

“Politeknik Brunei has not only consolidated my understanding of computer networking and security, more importantly, they have provided me with invaluable industry experience to prepare me for my future career.”

*Nur Syahirah Atiqah Binti Mohamed Yussof
2018 Academic Excellence Award Recipient for Diploma in IT Network & Security,
Politeknik Brunei 4th Convo*