



DIPLOMA CYBER SECURITY TECHNOLOGY

(MQA/PA13676) (KPT/N/482/4/0214)

INTRODUCTION

The Diploma in Cyber Security Technology is a study program that focuses on understanding cyber security, cyber risk management, cyber incidents, and data protection techniques in a cyber environment. Its curriculum covers a variety of topics such as network security, information security management, cyber forensics, and security system administration. Students who follow the Diploma in Cybersecurity program will learn how to identify, analyze, and deal with cyber security threats such as cyber attacks, cyber fraud, or data hacking. They will also learn about methods to protect computer networks, information systems, and data from cyber threats.

ENTRY REQUIREMENTS

1. Pass the Malaysian Certificate of Education (SPM) with 3 credits in any subject and have a credit in Mathematics; OR
2. Pass the Malaysian Skills Certificate (SKM) Level 3 in the relevant field; OR
3. Pass the Malaysian Higher School Certificate (STPM) with a minimum grade of C (GPA2.00) in any subject; OR
4. Pass the Malaysian Higher Certificate of Religion (STAM) with a minimum grade of Maqbul (Pass); OR
5. Any qualification equivalent to a certificate (Level 3, Malaysian Qualification Framework).

COURSE SCHEDULE

YEAR 1	YEAR 2	YEAR 3
3 SEMESTERS	3 SEMESTERS	3 SEMESTERS

CAREER PATHWAY

- | | |
|---|---|
| - System Administration
Networks and Computers | - Designers and Engineers
Network/System |
| - Network Engineer | - Safety Engineer
Network |
| - Forensic Analyst | |



SEMESTER 1

- Philosophy and Current Issues of OR
- Appreciation of Ethics and Civilization
- Introduction to Networking
- Operational system
- Principles of Information Security

SEMESTER 2

- National Language (A) OR
- Introduction to Comparative Religion OR
- Entrepreneurial Skills
- Integrated Language Skills
- Cyber Law and Ethics
- Mathematics for IT Practitioners

SEMESTER 3

- Professional Development OR
- Thinking skills
- Integrity And Anti-corruption
- Basics of Programming

SEMESTER 4

- Data Communications and Networks
- Discrete Mathematics
- Web Application Development
- System Analysis and Design

SEMESTER 5

- Network Programming
- E-Commerce Security
- Computer System Architecture
- Introduction to Databases

SEMESTER 6

- Managing Information Security
- Work Culture OR Communication Workplace
- Introduction to Multimedia

SEMESTER 7

- Object Oriented Programming
- Network security
- Routing And Switching Requirements

SEMESTER 8

- Computer Forensics
- Response And Handling Incident
- Final Year Project

SEMESTER 9

- Industrial training

IMBASAN
KOD QR
UNTUK BERHUBUNG
DENGAN PEGAWAI
JABATAN KEMASUKAN
PELAJAR

