

## **Title**

### **Diploma in Cyber Security [PA 8913]**

#### **Description**

Diploma in Cyber Security programme is the study of cyber threats, internet security issues, digital forensics, security management, best practices and products. Due to immense growth of internet crimes globally, there is a substantial growth of this discipline and need for the computer security professionals. The program offers the basics of computer networking, programming and open source operating system. The students will be focussed in internet security, forensic computing besides other Information Communication Technology courses. The program is also equipped with relevant knowledge and skills to position as the cyber security professional.

Bostonweb diploma programmes are validated by London Metropolitan University and are part of the following degree programmes. The students can directly enter into the second year of the degree program and complete the degree within 2 years in Bostonweb College, Malaysia.

- B.Sc (Hons) – Computer Science
- B.Sc (Hons) – Mobile Computing
- B.Sc (Hons) – Computing
- B.Sc (Hons) – Business Information Technology

#### **Number of Credits**

**91**

#### **Core Modules**

|                                    |                                             |
|------------------------------------|---------------------------------------------|
| Communication Studies              | E-Commerce Technologies                     |
| English For Information Technology | Network Administration                      |
| Information Systems                | Technopreneurship                           |
| PC Troubleshooting and Maintenance | Network Planning, Design and Implementation |
| Operating System Concepts          | Routing Concepts and Protocols              |
| Linux Fundamentals                 | LAN and WAN Technologies                    |
| Data Communication & Networking    | Object Oriented Programming                 |
| Program Design                     | Advance Java Programming                    |
| System Analysis and Design         | Developing Graphical User Interface         |
| Discrete Structures                | Internet Programming                        |
| Database Systems                   | Physical Security                           |
| Multimedia Development             | Fundamentals of Computer Forensics          |
| Web Application                    | Fundamentals of Network Security            |
| Java Programming                   | Intrusion Detection System                  |
| Business Organization              |                                             |

## **Career Opportunities**

- Cyber Security Professional
- Security Specialist
- Computer Crime Investigator
- Data Recovery Specialists
- Digital Forensic Detectives
- Computer Forensic Professional
- Computer Forensic Technician
- Help desk Technician
- Technical Support Specialist

## Entry Requirements

### *Malaysian Students*

- Pass SPM – Sijil Pelajaran Malaysia with 3 credits in any relevant subjects including a pass in Mathematics (or)
- Certificate in Computing and Computer Security (or)
- Any other equivalent qualification

### *International Students*

- 'O' Level or equivalent qualification (or)
- 'A' Level or equivalent qualification (or)
- Certificate in Computing and Computer Security (or)
- Any other equivalent qualification

## Academic Pathway

