

Title

Diploma in Information Technology [A 3300]

Description

This diploma programme offers students the various innovative methods and state of the art tools to understand and develop software systems and networking systems. The students are well trained and focussed to use various techniques of analyse, design and implement software systems and enhance network infrastructure. The students are exposed to open source operating system besides other relevant information communication technology courses. The students are also exposed to professional certifications such as SCJP – Sun Certified Java Programmer and CCNA – Cisco Certified Network Associate. Hence, the program equips them to be knowledge workers and industry relevant graduates.

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

90

Core Modules

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

Career Opportunities

- Computer Technician
- Java Programmer
- Java Developer
- IT Executive
- IT Administrator
- Analyst Programmer
- Web Designer
- Network Technician
- Network Administrator
- Help Desk Analyst
- IT Technical Support
- Assistant Software Engineer
- Assistant Network Engineer
- System Analyst
- MIS Executive
- Graphic Designer

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 Information Technology (or)
- Any other equivalent qualification

International Students

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

Professional Certification

The diploma students will be trained to obtain one of the following professional certification programs.

CCNA – Cisco Certified Network Associate (or)

SCJP – Sun Certified Java Programmer

Academic Pathway

