

DIPLOMA IN INFORMATION TECHNOLOGY

MQA/FA8618 (N/481/4/0776)

PROGRAMME DESCRIPTION

This programme offers students an understanding of the Information Technology field's principles and theories. Students will acquire a strong foundation, allowing them to experience the software development process and explore the rapid development of networking technologies. The curriculum emphasizes practical and hands-on training in technical programming and networking. Upon completing this program, students can pursue a degree in computer science, IT, or other related disciplines.

CAREER PROSPECTS

- Programmer
- Web Developer
- Service Technician
- Network Technician
- Network Administrator
- Technical Support

DURATION OF STUDIES:

2.5 Years (7 Semester)

COMPULSORY SUBJECTS FOR MALAYSIAN STUDENTS

- Philosophy & Current Issue
- Appreciation of Ethics & Civilization
- Bahasa Kebangsaan (A)
- Introduction to Comparative Religion
- Entrepreneurship Skills
- Professional Development
- Thinking Skills
- Integrity & Anti-corruption

*Students need to complete four modules from the above.

COMPULSORY SUBJECTS FOR INTERNATIONAL STUDENTS

- Bahasa Melayu Komunikasi
- Professional Development
- Thinking Skills
- Integrity & Anti-corruption

*Students need to complete three modules from the above.

AWARDING BODY



WHAT SKILLS WILL YOU DEVELOP?

- Graduates will be able to equip themselves with essential knowledge, understanding, and practical skills across key areas of information technology, including computer systems, networks, databases and programming.
- Graduates will be able to develop a diverse range of technical skills and personal attributes such as problem-solving ability, adaptability, and teamwork.
- Graduates will be able to identify the linkage between professionalism and human values in the IT management field.

PROGRAMME STRUCTURE

SEMESTER 1

- Basic Mathematical Techniques
- Communication Technologies
- Computer Architecture
- Database 1
- Principles of Business Management

SEMESTER 2

- Computer Systems
- Mathematics for IT Practitioners
- Introduction To Programming
- Principles of Marketing

SEMESTER 3

- Introduction to Multimedia OR Business English

SEMESTER 4

- Website Design
- E-Business Operations
- Database 2
- Network Operating System
- Systems Analysis and Design

SEMESTER 5

- IT Support for End Users
- IT Security Management
- Work Place Communication OR Work Culture
- Information Systems OR Quantitative Methods in Business
- Research Skills
- Internet Marketing
- IT Security Management

SEMESTER 6

- Personal Finance Management
- Final Year Project

SEMESTER 7

- Industrial Training