



# DIPLOMA IN INFORMATION TECHNOLOGY

(N/482/4/0181) | (MQA/FA10561)

This programme will allow students to become skilled, innovative and work-ready professionals in the information technology industry. It provides hands-on exposure and valuable training with new technologies and solutions.

## PROGRAMME STRUCTURE

### YEAR 1

- Principles of Information Technology
- Discrete Mathematics
- Principles of Networking
- Multimedia Technology
- Fundamentals of System Analysis and Design
- Communicative English
- Bahasa Kebangsaan A
- English for Information Technology
- Programming Concepts and Design
- Database System
- Operating System
- Penghayatan Etika dan Peradaban/ Communication in Malay 2
- Fundamentals of Management
- Entrepreneurship
- Critical & Creative Thinking Skills
- Youth Development
- Web Page Design

### YEAR 2

- Internet Programming
- Fundamentals of Wireless Networking
- Object-Oriented Programming
- Information Systems Security
- AMUnited 1
- Psychology At The Workplace
- Data Structure
- Data Communication
- Computer Architecture
- Computer Human Interaction
- Internet of Things
- Practical (Internship)

### DURATION OF STUDY

2 years 4 months

### MODE OF STUDY

Full Time

### CAREER PROSPECT

- Computer Technician
- IT System Analyst
- Web Programmer
- Project Administrator

### ENTRY REQUIREMENTS

- A pass in SPM with at least credit in any 3 subjects inclusive of Mathematics or any equivalent qualification; **OR**
- A pass in Sijil Tinggi Persekolahan Malaysia (STPM), with a minimum of Grade C (GPA 2.00) in any subject or any equivalent qualification and a credit in Mathematics at SPM level or its equivalent; **OR**
- A pass in Sijil Tinggi Agama Malaysia (STAM) with a minimum grade of Maqbul (pass) and a credit in Mathematics at SPM level or its equivalent; **OR**
- A pass in SKM Level 3, and a credit in Mathematics at SPM level or its equivalent; **OR**
- A pass in any qualification equivalent to Certificate (Level 3, MQF) and a credit in Mathematics at SPM level or its equivalent.

Candidates without a credit in mathematics at SPM level or its equivalent may be admitted if the Certificate programme contains subjects in mathematics that are equivalent to mathematics at SPM level.

Candidate with a credit in computing related subject at SPM level or its equivalent may be given preferential consideration.