

# Diploma in Information Technology

(R2/481/4/0152) 02/27 (MQA/FA 1696)  
(N-DL/482/4/0209) 11/25 (MQA/PA 13959)



Agensi Kelayakan Malaysia  
Malaysian Qualifications Agency

**Delivery Mode:**  
Conventional, Open and Distance Learning

**Duration of Study:**  
2 Years 6 Months (Full-Time)  
3 Years (Part-Time)

**Intakes**  
• January, May and September

**Academic Schedule**  
• January : 14 weeks\*  
• May : 14 weeks\*  
• September : 14 weeks\*

\*Inclusive of exam period.

## Develop Skills Needed for Specialisations and Certifications in IT

The Diploma in Information Technology programme is tailored to provide students who wish to pursue a career in the Information Technology sector with essential knowledge and skills, key technical information and theoretical understanding for them to explore technology-based ventures effectively.

This programme exposes students to Programming Principles and Techniques, Operating Systems in terms of development and maintenance as well as System Analysis. It also helps students to deepen their knowledge in data communication and data structures that will help them to secure a place in the demanding Information Technology industry.

## Career Prospects

- Computer Support Executive
- Database Administrator
- System Administrator
- System Analyst
- Software / Web Developer
- Data Engineer
- Network Infrastructure Engineer
- Computer Network / Cloud Administrator

## Areas of Knowledge

### Web Programming and Application

Covers fundamental programming, applications and web development.

### Computer Systems and Organisation


Learn the architecture for modern computer systems.

### Data Communication and Computer Networking

Essential knowledge for information transmission and communication.

### Database

Core concepts and practical skills of database management systems.

 **Interested in this course?**  
We are more than happy to share.  
Email us or give us a call.

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### Did You Know?

#### MICROSOFT

Microsoft Content is embedded within the programme.

#### CREDIT TRANSFER

Up to 50% credit transfer from Diploma to Bachelor's Degree\*

\*Terms and conditions apply.

### Why UNITAR?

#### 5-STAR QUALITY

5-STAR rating in QS for Teaching, Employability, Inclusiveness, Online Education and Accounting and Finance.

#### AFFORDABILITY

PTPTN, EPF and various financial aid available.

#### UNITAR C.A.R.E

We ensure that students are well-equipped with applicable skills: Collaborative, Adaptive, Reflective and Entrepreneurial.

### 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 STPM with a minimum of Grade C (GP 2.0) in any subject or any equivalent qualification and a credit in Mathematics at SPM level or its equivalent;  
OR

A pass in STAM with a minimum grade of Maqbul (pass) and a credit in Mathematics at SPM level or its equivalent;  
OR

A pass in any qualifications equivalent to Certificate (Level 3, MQF) 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 and MUST attend bridging courses;  
OR

Pass BTEC Level 3 and pass SPM or its equivalent with a minimum of one (1) credit in any subject;  
OR

Entry requirements for admission into the Diploma's program (level 5, MQF) through APEL A as approved by the Ministry of Education (MOHE). Applicants must be/have:

1. A Malaysian citizen; AND
2. The candidate should be more than 20 years of age in the year of application;
3. Relevant work experience / prior experiential learning; AND
4. Pass the APEL Assessment

#### Notes:

1. 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.
2. Candidate with a credit in computing related subject at SPM level or its equivalent will have an advantage.

#### ENGLISH REQUIREMENTS

##### International Student

Minimum score of 4.0 for IELTS OR its equivalent

### Programme Core Modules

- Fundamentals of Information Technology
- Introduction to Management
- Fundamentals of Programming
- Fundamentals of Mathematics
- Computer System and Organisation
- Computer Security Ethics
- Information Security
- Fundamentals of Statistics
- Operating Systems
- Industrial Training

### Concentration

- Databases
- Programming Principles and Techniques
- System Analysis and Design
- Data Communication and Computer Networking
- Algorithms and Data Structures
- Object-Oriented Programming
- Internet Programming
- Human Computer Interaction

### English Core Modules

- English 1
- English 2
- English 3

### MPU Modules

- Philosophy and Current Issues (Int) / Bahasa Melayu Komunikasi 1 (Int)
- Skill Enhancement / Bahasa Kebangsaan A
- Culture and Society
- Community Service

### Electives

- Software Quality and Testing
- IT Project Management
- Wireless Networks
- Network and Cloud Administration
- Business Analytics
- Business Intelligence

## Open up a world of possibilities with Information Technology.

Microsoft content and cloud-based lab is embedded in the courses.

Credit Transfer - Earn the degree that you want within lesser time and cost by transferring credits from Diploma to Bachelor's Degree.



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