DIPLOMA IN INFORMATION & COMMUNICATIONS TECHNOLOGY

This programme prepares students with a thorough understanding of the principles, theories, and current practices in the Computer Science & Information Technology field. Students will get a strong foundation, allowing them to experience the process of software development and explore the rapid development of networking technologies.

Graduates will be able to start careers or further their studies, leading to degree courses in Computer Science, Information Technology or related disciplines.

**Highlights**

- 90% of the curriculum emphasises on practical and hands-on training
- Strong focus on technical aspects of programming and networking
- Students will be prepared to pursue their degree studies in Computer Science, IT or related disciplines

**Career opportunities**

Programmer, Junior Software Engineer, Technical Support Officer, Network Technician, Service Technician, Information System Administrator, Network Administrator

**Offered at**

INTI International University
KPT/JPS(A10108)05/2014
INTAKES: JAN, MAY & AUG

INTI International College Subang
KPT/JPS(A10416)05/2019
INTI International College Penang
KPT/JPS(N/481/4/0122)01/2017
INTAKES: JAN, APR & AUG

**Duration**

Minimum 2 Years

*For Malaysian students who do not have a credit in SPM BM.*
Programme structure

Level 1
• Database Management
• Discrete Mathematics
• Fundamentals of Mathematics
• Fundamentals of Networking
• Introduction to HCI
• Introduction to Internet Technologies
• Principles of Information Technology
• Programme Logic Formulation
• Quantitative Methods
• Structured Programming
• System Analysis & Design
• Writing Skills

Level 2
• Capstone Project
• Entrepreneurship Skills
• Interactive Multimedia
• Network Design, Testing & Implementation
• Object-Oriented Programming (Java)

Internship (Compulsory)
Choose either one of the following specialisations:
1. Information Technology
• Computer Ethics
• Digital Image Editing
• E-Commerce Theory & Application
• Fundamentals of Management
2. Computer Science
• Computer Organisation
• Fundamentals of Trustworthy Computing
• Introduction to Data Structure
• Server Management

MPU subjects
• Bahasa Kebangsaan A*
• Community Service & Co-curriculum
• Critical Thinking for Better Communication
• Malaysian Studies 2 (Local students) / Communicating in Malay 1B (International students)
• Personal Financial Planning