



**BANDAR
COLLEGE**

KP (JPS) 5195 / IPTS / 954 / JILID II

Diploma in
Information Technology

2 years

DK130 (W) NI/48214/0900 (09/20) MQA/PA-5599

Diploma in Information Technology

If you are a creative thinker and enjoy problem solving, then this cutting-edge Diploma in Information Technology is for you. The programme offers fundamental business-related skills together with IT specific competencies such as computer architecture, webpage design, multimedia technology and computer security. Combining theory with practice, this programme exposes you to real-world problems and equips you with the knowledge and skills critical for employability.



WHY BANDAR COLLEGE ?

- Located in a **5-star hotel complex** with state-of-the-art facilities in the heart of Kuala Lumpur city.
- Value for money with competitively priced fees.
- Pathways to quality international university partners.
- A practical curriculum focused on employability.
- Providing a link between work and study with genuine internship and placement opportunities.
- Compulsory 'Bandar Career Advantage' soft-skills programme at no additional cost.
- Students graduate with a globally recognised qualification and an impressive CV.
- Highly qualified academic staff with strong corporate experience.
- Small class sizes and a nurturing study environment.

THE BANDAR CAREER ADVANTAGE PROGRAMME

A free programme that will equip you with:

- The skills to prepare job winning CVs.
- The confidence to present your best at interviews.
- The knowledge on how to cope with the work environment.
- Exposure to in-semester and end-of-semester internships.
- The opportunity for jobs with credible employers.


THE BANDAR SUCCESS MODEL

SPM/
O-LEVELS/OR
EQUIVALENT

Graduate with an undergraduate degree and a professional body qualification or certification at a fraction of the cost of doing a full degree overseas.

BANDAR COLLEGE DIPLOMAS

SECOND YEAR OF PARTNER UNIVERSITY PROGRAMMES

 Curtin University

 ECU
EDITH COWAN UNIVERSITY

ENTRY REQUIREMENTS

- SPM/O-Level (minimum 3 credits) or equivalent.
- Other relevant academic or professional qualifications.

SEMESTER STRUCTURE

	Semesters	Weeks
Long Semester	5	14
Short Semester	1	7

COURSE CONTENT

Semester 1

- 1 English I
- 2 Introduction to Information Technology
- 3 Discrete Mathematics
- 4 Introduction to Networking
- 5 Multimedia Technology
- 6 Programming Concepts & Design

Semester 2

- 7 English II
- 8 MIS Development Life Cycle
- 9 Computer Law & Ethics
- 10 Database Management System
- 11 Database Development & Applications
- 12 Numerical Analysis & Mathematics of Computer Graphics

Semester 3

- 13 Pengajian Malaysia 2 / Bahasa Melayu Komunikasi 2
- 14 Entrepreneurial Skills / Writing Skills
- 15 Professional Ethics / Hubungan Etnik
- 16 Khidmat Masyarakat / Co-curriculum

Semester 4

- 17 Artificial Intelligence
- 18 Internet Programming
- 19 Windows Programming
- 20 Web Page Design
- 21 Object Oriented Programming
- 22 E-commerce

Semester 5

- 23 Entrepreneurship
- 24 Operating System
- 25 Algorithms & Data Structure
- 26 Data Communications
- 27 Information Systems Security
- 28 Computer Architecture

Semester 6

- 29 Human Computer Interaction
- 30 Industrial Training



BANDAR COLLEGE

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