



**LINCOLN**  
UNIVERSITY COLLEGE  
DKU016 (B)

# Bachelor of Information Technology (Hons)

KPT/JPS PA4618 (01/20)

## PROGRAMME DESCRIPTION

This course aims to the fundamentals of conceptual, methodological and implementation issues of IT-related research. This course is both highly technical and people-orientated. As well as its scientific and technical focus on areas related to software, network, web, database and internet services, areas such as management, communications and human behavior are also covered. The student through this course will gain in-depth knowledge and be prepared for leadership in the information technology profession. In addition, graduates will display effective communication skills, independence and creativity, critical judgment and ethical and social understanding.

## PROGRAMME AIM

The program aims to give knowledge with depth and accuracy of the impact of information technology within an organization, with society at large, and a detailed appreciation of the impact of information technology on the global scale. The students are taught to achieve their academic goals by engaging in scholarly activities related to economic development of the region through partnerships with industry, inventors, and entrepreneurs. The objective is to apply the knowledge to help the society to develop in a positive way.

## PROGRAMME DURATION

Minimum Duration : 36 Months.  
Maximum Duration : 54 Months.

## INTAKE AND ENTRY REQUIREMENTS

1. January 2. May 3. September.

- ▶ Passed in Sijil Tinggi Persekolahan Malaysia (STPM) or equivalent 10+2 examination with minimum CGPA 2.0 and pass in Sijil Pelajaran Malaysia (SPM) or equivalent 10+ examinations with credit in Mathematics; equivalency with Malaysian Education System to see if you qualify for this course. or;
- ▶ Pass the Matriculation or Foundation Program of Higher Education Provider (HEP) recognized by the Government of Malaysia with CGPA of 2.0 and credit in Mathematics at SPM level or equivalent. or;
- ▶ Pass in A-Level with at least a credit in 2 subjects including Mathematics at SPM level or equivalent. or;
- ▶ Pass the Unified Examination Certificate (UEC) with at least a grade B in 5 subjects including Mathematics and English; or;
- ▶ Graduate Diploma (Level 4, the Malaysian Qualifications Framework (MQF)) in Computing or equivalent with a minimum CGPA of 2.5. or;
- ▶ Candidates who obtained a CGPA below 2.5 but above 2.0 may be accepted subject to rigorous internal assessment process. or;
- ▶ Graduate Diploma (Level 4, KKM) than field Computing with CGPA minimum 2.5 AND credit in Mathematics at SPM. or;
- ▶ Other equivalent qualification recognized by the Government of Malaysia.

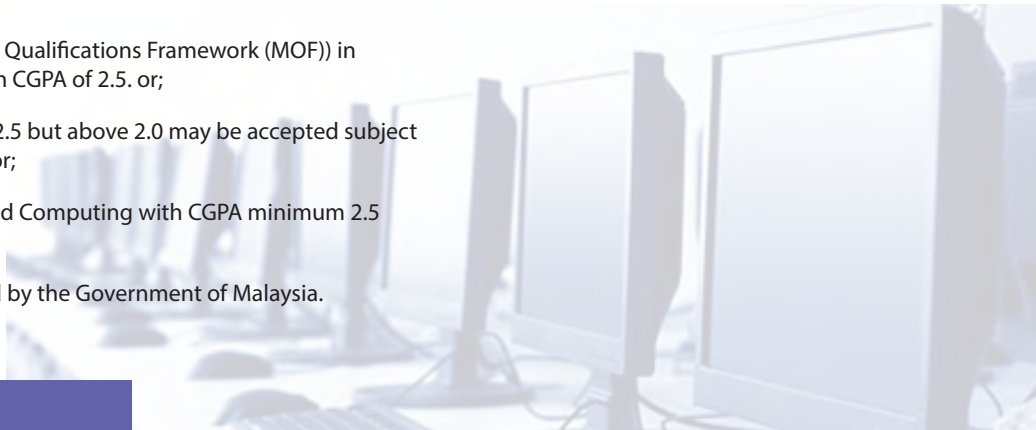
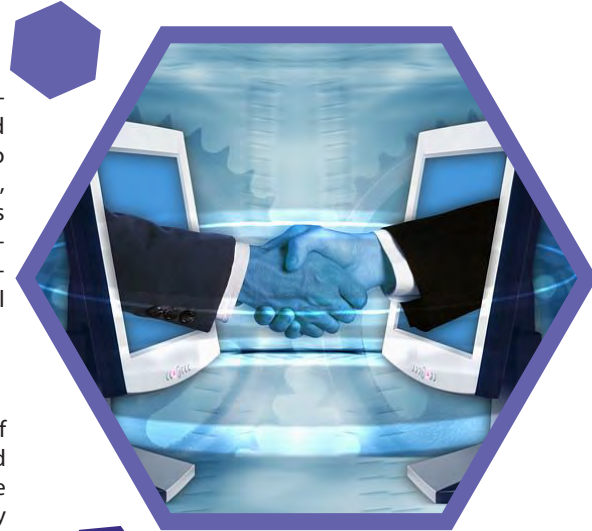
## Call us :

1 300 880 111 (Malaysia)  
+603 78063478 (International)

Web : [www.lincoln.edu.my](http://www.lincoln.edu.my) | E-mail : [info@lincoln.edu.my](mailto:info@lincoln.edu.my)

Mayang Plaza, Block A, No 1 Jalan SS 26/2, T aman Mayang Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia.

No. 2, Jalan Stadium, SS 7/15, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia.





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## LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

Year 1 - Semester 1	COURSE NAME	CREDIT HOURS
	Internet fundamental and applications	4
	Basic Computer Architecture	4
	Business English	3
	Discrete Mathematics	3
	Islamic Civilization and Asian Civilization (TITAS) / Malay Communication	3

Year 1 - Semester 2	COURSE NAME	CREDIT HOURS
	C Programming	4
	Quantitative Methods	3
	Software Engineering	3
	Computer Networks	3
	Ethnic Relations / Malaysian Studies	3
	Leadership Skills and Human Relations	2

### Year 1 - Semester 3

Computer programming	4
Database Management Systems	3
Management information systems	3

Year 2 - Semester 4	COURSE NAME	CREDIT HOURS
	Human Computer interaction (HCI)	3
	Operating systems	3
	Government and Public Policy Malaysia	2
	Elective (any Two)	
	TCP/IP	4
	Fundamentals of Algorithm (Year 2 - Semester 5)	4
	Logic Design (Year 2 - Semester 5)	4

Year 2 - Semester 5	COURSE NAME	CREDIT HOURS
	Java Programming	4
	Server Side Programming	4
	Social and Professional Issues in Computing	3
	System Analysis Design(SAD)	3
	Community Service	2

### Year 2 - Semester 6

Data Structures	4
Organizational behaviour	3
Artificial Intelligence	3

Year 3 - Semester 7	COURSE NAME	CREDIT HOURS
	RDBMS with SQL	4
	Mobile Computing	4
	Multimedia Systems	3
	Information Security	3
	Elective (Any One)	
	Embedded systems	3
	Open source languages	3

Year 3 - Semester 8	COURSE NAME	CREDIT HOURS
	Website Designing	4
	WML & WAP Programming	4
	Cryptography & Network Security	4
	Software Project Management	4

### Year 1 - Semester 3

Industrial training	6
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