

PROGRAMME DESCRIPTION

The Bachelor of Information Technology programme at Lincoln University College prepares students to earn a living by solving, supporting, troubleshooting, and designing everything from web sites to applications to programming networks in a variety of organisations ranging from business and government to schools, healthcare, and more. Based on their interests and professional ambitions, students can focus on network administration and security or mobile and web application development in the programme. Students will obtain a synthesis of theoretical and practical knowledge that will allow them to impact an organization's IT infrastructure as well as the clients that utilise it.

PROGRAMME AIM

The program of Bachelor of Information Technology (Hons) will produce professionals who are:

- Knowledgeable and skilful in Information Technology and Computing discipline in-line with the industry requirement.
- Effective in Technical skill and communication, possess teamwork and process interpersonal skill in an organization to contribute for the benefit of the society.
- Capable to work ethically and protrude personal skills as well as digital and Numeracy skills in the IT field to solve computing related problems.
- Able to demonstrate entrepreneurship and Leadership skills and recognize the need of life-long learning for successful career advancement.

PROGRAMME DURATION

Duration : 36 Months

CAREER OPPORTUNITIES

Upon completion of the Bachelor of Information Technology (Hons) program, the students will be prepared to pursue a career as a:

- Systems analyst or engineer
- Network engineer
- Database engineer
- Computer scientist or specialist
- Data analyst
- Information engineer or specialist

INTAKE AND ENTRY REQUIREMENTS

1. March, 2. July, 3. November

- ▶ Passed the Malaysian High School Certificate (STPM) with a full pass in 2 subjects or equivalent NGMP minimum 2.0 AND pass the Certificate of Education (SPM) or equivalent with credit in Mathematics; or
- ▶ Pass the Matriculation Programme or Foundation of PPT recognized by the Malaysian Government with a CGPA of 2.0 and credit in Mathematics at SPM level or equivalent; or
- ▶ Pass A-Level with a minimum pass in two subjects including a credit in Mathematics at SPM level or equivalent; or
- ▶ Pass the Unified Examination Certificate (UEC) with at least grade B in five subjects including Mathematics and English; or
- ▶ Diploma [Level 4, Malaysian Qualifications Framework (MQF)] in Computing or relevant field 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 a rigorous internal assessment process; or Diploma (Level 4, MQF) other than field of Computing with a minimum CGPA of 2.5 and credit in Mathematics at SPM level; or
- ▶ Other equivalent qualifications recognized by the Malaysian Government.

For non-Malaysian citizens, please refer to the Malaysian Qualifications Agency's (MQA) List of Overseas Qualifications and its equivalency with Malaysian Education System to see if you qualify for this course.

Call us :

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

Web : www.lincoln.edu.my | E-mail : info@lincoln.edu.my



LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

| Sl. No. | Subject Name |
|---|---|
| 1. | Business English |
| 2. | Basic Computer Architecture |
| 3. | Principles of Information Technology |
| Elective (Choose any one module from the following): | |
| 4. | Ethnic Relations |
| 5. | Malaysian Studies 3 |
| 6. | Computer Related Mathematics |
| Elective (Choose any one module from the following): | |
| 7. | Islamic Civilization and Asian Civilization |
| 8. | Malay Communication 3 |
| 9. | Introduction to C++ Programming |
| 10. | Operating systems |
| 11. | Leadership Skills and Human Relations |
| 12. | Discrete Mathematics |
| 13. | Values & Ethics in profession |
| 14. | Malaysian Government and Public Policy |
| 15. | Object oriented programming |
| 16. | Database Management System |
| 17. | Visual Programming |
| 18. | Data Communication and Networks |
| 19. | Web Technology |

| Sl. No. | Subject Name |
|---------|---------------------------------------|
| 20. | Human Computer Interaction |
| 21. | Information Systems Security |
| 22. | Data Structure & Algorithm |
| 23. | Cryptography & Network Security |
| 24. | Management Information System |
| 25. | Organizational Behaviour |
| 26. | Digital Electronics and Logic Design |
| 27. | System Administration and Maintenance |
| 28. | Multimedia Systems |
| 29. | Industrial Management |
| 30. | System Analysis and Design |
| 31. | Project Management |
| 32. | Server-Side Programming |
| 33. | Artificial Intelligence |
| 34. | Cyber Security Law & Policy Analysis |
| 35. | Final year Project |
| 36. | Android Programming |
| 37. | Linux Administration |
| 38. | Industrial Training |

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