

PROGRAMME DESCRIPTION

Graduates of this course will acquire the necessary skills required to manage a network and maintain its security. We also provide laboratory facilities, for the study of key areas, such as, network operating systems, network management and network implementation.

This program offers a unique opportunity to learn about specialist security techniques and use real-world networking equipment in a security context. Students are also educated about market-leading Cisco Routing & Switching Techniques, security appliances, ethical hacking techniques, vulnerability analysis, penetration testing and data encryption technology.

This program also offers flexibility in the final year; with optional units including areas such as Server Windows 2008, Exchange, Administration and a Varied Catalog of Linux Administration/Unix Shell Scripting / Emerging Web Technologies and Cloud Computing/SAP Administration.

Why Choose Us?

- ▶ Embedded systems laboratories to develop real-time systems and we also offer training regarding the development of hardware as well as resources with the help of advanced software development as well as simulation tools.
- ▶ We provide state-of-the-art facilities for, systems analysis, artificial intelligence, e-commerce and business intelligence and also to support the application areas of mechatronics, games technology and computer forensics and our laboratory is also well equipped.

PROGRAMME AIM

Computer systems and network, establishes link between people and businesses on a global scale. Business and industry is dependent on diverse network technologies and there is a high demand for professionals for designing as well as efficiently managing network systems.

Our technology-infused course comprises technology, security and networking modules and thus offers diverse job opportunities for students. We also emphasize on the installation, operation, security and maintenance of computer systems as well as networks as far as business and industry is concerned.

The course will equip the students with the essential skills for designing, implementing and managing systems effectively to ensure that people benefits from the use of these systems. This learning will also help the students to manage, design, implement, configure and operate secure networks on a professional footing and identify the threats to network security and formulate and implement defense strategies and mechanisms.

PROGRAMME DURATION

Minimum Duration : 36 Months

Maximum Duration: 36 Months

Call us :

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

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





INTAKE AND ENTRY REQUIREMENTS

March, July, November

- ▶ Passed the Malaysian High School Certificate (STPM) with 2 full passes or equivalent with a minimum CGPA of 2.0 AND credit in Mathematics at the Certificate of Education (SPM) level; or
- ▶ Passed the Matriculation program or a recognized Foundation with CGPA 2.0 and credit in Mathematics at SPM level; or
- ▶ Graduated Diploma in Computer Science, Information Systems, Information Technology, Software Engineering or equivalent with a minimum CGPA of 2.5;
 - *Candidates who obtained a CGPA below 2.5 but above 2.0 may be accepted subject to rigorous internal assessment process; or
- ▶ Practice Diploma with a minimum CGPA 2.5 and credit in Mathematics at SPM level; or
- ▶ Graduated South Australian Matriculation (SAM) / Tertiary Entrance Exam (TEE) / Any other Australian Matriculation with minimum 50% or TER
- ▶ Other qualifications recognized by the Malaysian Government

English Requirements :

International students must have proof of good proficiency in verbal and written English. For example, International English Language Testing System (IELTS) score of 6.0 or its equivalent. If a student does not meet this requirement, HEPS must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.



LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

S.NO	Course Name	S.NO	Course Name	S.NO	Course Name
1	Principles of Programming	14	Data Communication & networking	29	Information Security
2	Discrete Mathematics and Probability	15	Values & Ethics in profession	30	Cyber Security Legal Issues & Policy Analysis
3	English	16	Object Oriented Programming	31	Linux Administration
4.a	Tamadun Islam dan Tamadun Asia (TITAS)	17	Computer Ethics	32	Web Technology
4.b	Bahasa Melayu Komunikasi	18	Information Assurance & Security 1	33	Final year Project 1
5	Computer Systems	19	Network Security and Privacy	34	Information Assurance & Security 2
6.a	Hubungan Etnik	20	Microsoft Windows Server Administration	35	Final year Project 2
6.b	Malaysian Studies	21	Human Computer Interaction	36	Cyber Security Management
7	Operating Systems	22	Software Engineering Fundamentals	37	Advance Switching Technology & Trouble Shoot
8	Computer Networks	23	System Analysis and Design	38	Industrial Training
9	Kerajaan dan Dasar Awam Malaysia	24	Project Management		
10	Computer Organisation	25	Artificial Intelligence		
11	Database Management Systems	26	Kemahiran Kepimpinan dan Hubungan Insan		
12	Data structures and Algorithms	27	Wireless Communication		
13	Applied Statistics	28	Inter Routing Technology		



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