LINCOLN UNIVERSITY COLLEGE
DKU016 (B)

SETARA 2022
COMPETITIVE UNIVERSITY COLLEGE

ISO 9001:2015 Certified

Bachelor of Computer Science (Hons) (Network Technology and Cybersecurity)
(R2/481/6/0233) (01/28) (MQA/FA1948)

PROGRAMME DESCRIPTION

Graduates of this course will acquire the necessary skills required to manage a network and maintain its security. We also porovide laboratory facilities, for the study of key areas, such as, network operating systems,network manage- ment 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 includ- ing areas such as Server Windows 2008, Exchange, Administration and aVar- ied 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 devlopment 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 intelli gence, e-commerce and business intelligence and also to support the appli cation 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 network- ing modules and thus offers diverse job opprtunities for students. We also emphasize on the installation, operation, security and maintenance of com- puter 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 bene- fits 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 formu- late and implement defense strategies and mechanisms.

PROGRAMME DURATION

Duration: 3 years

Call us :

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+603 78063478 (International)

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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.	MQA Subject Code	Subject Name	Credit
1	BCSNT 6013	Principles of Programming	3
2	BCSNT 6023	Discrete Mathematics and Probability	3
3	ENG-111	English	3
4	MPU3193	Kursus Falsafah dan Isu Semasa (Philosophy and Current Issues Course)	3
5	MPU3143	Malay Language Communication 2	3
6	BCSNT 6033	Computer Systems	3
7	MPU3183	Penghayatan Etika dan Peradaban (Appreciation of Ethics and Civilizations)	3
8	OPS-252	Operating Systems	3
9	DMS-254	Database Management Systems	3
10	MPU3312	Malaysian Government and Public Policy	2
11	CNW112	Computer Networks	3
12	ECM 383	Computer Organization	3
13	DSA-251	Data structures and Algorithms	3
14	BCSNT 6043	Applied Statistics	3
15	DCN-263	Data Communication and Networking	3
16	BCSNT 6053	Values and Ethics in Profession	3
17	BCSNT 6063	Object Oriented Programming	33
18	BCSNT 6073	Computer Ethics	
19	BCSNT 6083	Information Assurance and Security 1	3
20	BCSNT 6093	Network Security and Privacy	3

S.NO.	MQA Subject Code	Subject Name	Credit
21	HCI 131	Human Computer NInteraction	3
22	BCSNT 6103	Software Engineering Fundamentals	3
23	WSA-381	Microsoft Windows Server Administration	4
24	BCSNT 6114	Project Management	4
25	SAD-375	System Analysis and Design	3
26	AFI-373	Artificial Intelligence	3
27	MPU3212	Human Relations and Leadership Skills	3
28	WLC- 384	Wireless Communication	4
29	IRT-242	Inter Routing Technology	4
30	BCSNT 6123	Information Security	3
31	CSLPA-372	Cyber Security Legal Issues and Policy Analysis	3
32	WBT123	Web Technology	3
33	BCSNT 6138	Final year Project 1	4
34	BCSNT 6148	Final year Project 2	4
35	CBS-381	Cyber Security Management	3
36	BCSNT 6143	Information Assurance and Security 2	3
37	LNXA371	Linux Administration	4
38	AST-382	Advance Switching Technology and Trouble Shoot	4
39	BCSNT 6158	Industrial Training	8