LINCOLN UNIVERSITY COLLEGE
DKU016 (B)

2022 SETARA COMPETITIVE UNIVERSITY COLLEGE

ISO 9001:2015 Certified



BACHELOR OF COMPUTER SCIENCE (HONS) (NETWORK TECHNOLOGY AND CYBERSECURITY)

(R2/0613/6/0131) (01/28) (MQA/FA1948)

DURATION

Full Time: 3-4 Years

INTAKES

March | July | November

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 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 aVaried Catalog of Linux Administration/Unix Shell Scripting / Emerging Web Technologies and Cloud Computing/SAP Administration.

Why Choose Us?

1. 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.
2. 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 opprtunities 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.

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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.

Call us :
1 300 880 111 (Malaysia)
+603 78063478 (International)
www.lincoln.edu.my
info@lincoln.edu.my

Kolej Universiti Lincoln, No. 12, 14, 16 & 18, Jalan SS 6/12, 47301 Petaling Jaya, Selangor
No. 2, Jalan Stadium, SS 7/15, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia

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CAREER OPPORTUNITIES

- Network Manager
- Network Analyst
- Network Administrator
- Systems Administrator
- I.T. security Specialist
- I.T. Support Engineer



Industrial focus:

Our emphasis on practical learning will ensure that you are well prepared for a career as an effective network security professional. The Program validates the ability to install,operate and troubleshoot a small enterprise branch network, including basic network security. The curriculum covers networking fundamentals, WAN technologies,basic security and wireless concepts, routing and switching fundamentals, and configuring simple networks, medium-size enterprise branch networks with more complex connections. The course will provide a practical hands-on Cisco Routers and Cisco Switches, as no WAN setup is complete without Leased Line/ Wireless / VSAT / DSL etc., and Telecom devices like CSU / DSU, Telco MUX will also be covered in the Practical setup.The training will be provided by Senior Network/ WAN engineers with several years of field experience. The Program is also appropriate for those who are ready to advance their skills and work independently on complex network solutions. The course covers topics like EIGRP, OSPF, BGP, IPv6, VPNs, L2 / L3 Switching, VLAN, VTP, HSRP, VRRP, GLBP, VOIP, Wireless, Troubleshooting methods Network & Operating System Essentials, LDAP, Active Directory functionality, Installing, Configuring &Administering the following Microsoft Servers, Microsoft Windows 2008 Server, IS 7.0, DHCP, DNS, RAS, VPN Advanced Terminal Services, T.S Web Access Administration, Remote Apps. Etc. Configuring Read-Only Domain Controller.

ENTRY REQUIREMENTS

- 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 5.0 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.

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