

Diploma in
Information Technology
■ **Cyber Security & Networking**
多媒体创意设计文凭课程

我造 我想



Certified By 波兰热舒夫信息技术与管理大学认证



**UNIVERSITY of INFORMATION
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in Rzeszow, POLAND

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Lume Education Group Sdn Bhd
Registration No: 202301044484 (1538400-D)

Lot L1-E-4, Level 1, HIVE 5 (Enterprise 4),
Taman Teknologi MRANTI,
Bukit Jalil, 57000 Kuala Lumpur, Malaysia.

Program Overview

The Diploma in Cybersecurity and Network program is an educational offering that provides students with a comprehensive understanding of cybersecurity principles and network technologies.

The program is designed to equip students with the practical skills and knowledge needed to pursue entry-level positions in the field of cybersecurity and networking.

Career Opportunity

Network Administrator:

Manage an organization's computer network.

Network Security Analyst:

Secure computer systems through security measures, network monitoring, and incident response.

Cybersecurity Analyst:

Analyze security risks, prevent security breaches, and safeguard digital assets.

Network Engineer:

Design and implement computer networks, including local area networks (LANs), wide area networks (WANs), and cloud-based networks.

IT Support Specialist (Security):

Provide technical support to end-users on security-related issues.

课程简介

网络互联与安全专业文凭课程是一项教育项目,为学生提供了对网络安全原理和网络技术的全面理解。

该项目旨在为学生提供实际技能和知识,以追求网络安全和网络领域的岗位。

就业机会

网络管理员:

配置、管理和维护组织的计算机网络,确保高效的数据传输和通信。

网络安全分析师:

专注于保护组织的计算机系统和网络免受安全威胁,包括实施安全措施、监控网络流量并对安全事件作出响应。

网络安全分析员:

分析和评估安全风险,实施安全解决方案,并监控系统以发现潜在的安全漏洞,保护数字资产。

网络工程师:

设计和实施计算机网络,包括局域网 (LAN)、广域网 (WAN) 和基于云的网络。

IT 支持专员 (以安全为重点):

为终端用户提供技术支持,特别关注解决与安全相关的问题,并向用户介绍最佳的安全实践。

Duration 学期

15 months

Assessment 评估

100% Coursework

100% 课程作业

Entry Requirement 入学标准

Age 16 and above

16岁或以上

Medium 教学语言

Curriculum is in English. Classes are conducted in English & Mandarin.

课程以英文为主,中英双语授课。

Programme Fee 课程费用

1st Semester: RM 13,000

2nd Semester: RM 5,000

3rd Semester: RM 4,500

Grand Total: RM 22,500

Area of Study

Network Fundamentals

Understanding the basics of computer networks, protocols, and network architecture.

Cybersecurity Principles

Learning about the principles of cybersecurity, including risk management, threat analysis, and security policies.

Network Security

Studying techniques and technologies for securing computer networks, including firewalls, intrusion detection systems, and virtual private networks (VPNs).

Cyber Threats and Attacks

Identifying and analyzing common cyber threats and attacks, such as malware, phishing, and denial-of-service attacks.

Cryptography

Exploring the principles and applications of cryptography for securing communications and data.

Operating System Security

Understanding how to secure operating systems to protect against vulnerabilities and unauthorized access.

Network Administration

Acquiring skills in network administration, including the setup, configuration, and maintenance of network infrastructure.

学习范围

网络基础知识

了解计算机网络、协议和网络架构的基础知识。

网络安全原理

学习网络安全原理,包括风险管理、威胁分析和安全策略。

网络安全

研究用于保护计算机网络的技术和方法,包括防火墙、入侵检测系统和虚拟专用网络 (VPN)。

网络威胁与攻击

识别和分析常见的网络威胁和攻击,如恶意软件、钓鱼和拒绝服务攻击。

密码学

探讨用于保护通信和数据的密码学原理和应用。

操作系统安全

了解如何保护操作系统,防范漏洞和未经授权的访问。

网络管理

获得网络管理技能,包括网络基础设施的设置、配置和维护。

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