



**PROFESSIONAL  
DIPLOMA IN  
CYBER SECURITY**

## Get In Touch

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STRATEGIC PARTNERSHIP

**NON-MQA**



**UNIMAS**  
UNIVERSITI MALAYSIA SARAWAK  
BUSINESS SCHOOL



**PEOPLElogy**  
DISCOVERY • DEVELOPMENT • DIGITALISATION

# INTRODUCTION

This course will provide the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. The participant will perform these tasks to support the principles of confidentiality, integrity, and availability.

The participant will also have the knowledge and skills required to assess the security posture of an enterprise environment and recommend and implement appropriate security solutions; monitor and secure hybrid environments, including cloud, mobile, and IoT; operate with an awareness of applicable laws and policies, including principles of governance, risk, and compliance; identify, analyze, and respond to security events and incidents.

## LEARNING OUTCOME

### PL01

Recognize various threats to information security and analyse the risk.

### PL02

Implement Security and Manage Identity and Access

### PL03

Craft security measures for the organization

### PL04

Formulate Cryptography Solutions in the organization

### PL05

Ensure the continuity of business operations

## PROGRAMME MODULES

<b>Module 1</b>	Network Infrastructure
<b>Module 2</b>	Support & Troubleshooting
<b>Module 3</b>	Performing Security Assessment
<b>Module 4</b>	Implementing Public Key Infrastructure
<b>Module 5</b>	Implementing Network Security Appliances
<b>Module 6</b>	Incident Response
<b>Module 7</b>	Cyber Security Resilience
<b>Module 8</b>	Digital Agility
<b>Module 9</b>	Digital Communication
<b>Module 10</b>	Digital Management

## ASSESSMENT METHODS

**70%**

Continuous Assessment

**30%**

Final Assessment

## DURATION OF STUDY

**12** months

**10** modules

## MODE OF STUDY

Coursework

## WHO SHOULD APPLY?

- Anyone who is interested in becoming Security Administrator, Helpdesk Manager, Security Engineer

## ENTRY REQUIREMENTS

Passed SPM / STPM / Equivalent

**OR**

Other academic qualifications with 2 years working experience depending on UNIMAS Senate approval;

**OR**

Passed Accreditation of Prior Experiential Learning APEL (A)

## PROGRAMME FEE

**RM21,000**

(inclusive 6% SST)

## REGISTRATION FEE

**RM500**