

Module Synopses

PDC 1 Certificate in Data Protection and Cyber Breach Management

Module 1 - Data Protection Management

This module introduces students on how to develop the organization's Data Protection Management Programme (DPMP) in accordance with legal requirements. Topics such as the components of DPMP, Personal Data Protection Act, and Data Protection by Design Principles (DPbD) are covered.

Module 2 - Cyber Breach Response and Business Risk Management

The module equips students on how to develop incident management procedures and synthesize the incident-related evidences, resolve incidents and establish mitigating and preventive solutions. In addition, the module also equip students on how to assess existing and potential risks within a defined functional area, develop risk countermeasures and contingency plans, as well as manage stakeholder's expectations and needs.

Module 3 - Data Governance and Compliance

This module introduces students to the Data Protection Trust Mark (DPTM) and how to develop and enhance compliance processes based on an evaluation of gaps in business and IT operations. Students will also be equip with knowledge on how to develop and implement guidelines, laws, and regulations across the organization for handling of data at various stages of its lifecycle.

PDC 2 Certificate in Data Innovation, AI Governance and Ethics

Module 4 - AI Governance, Data Sharing and Ethics

The module equips students with the knowledge of the Model AI Governance Framework. In addition, students will be taught the PDPC Trusted Data Sharing Framework. Besides that, the module also equip students on how to analyse unethical practices and apply ethical decision-making models and strategies to address ethical dilemmas and issues in relation to the collection, use, storage and disposal of data.

Module 5 - Design Thinking and Data Protection by Design

The module equips students how to incorporate personal data protection requirements as part of the design thinking processes for data-driven activities. In addition, students will be taught good data protection practices when designing innovative digital solutions. Student is required to work on a group project to design an innovative product bearing in mind privacy by design while ideating and implementing innovative solution.