



**HONG KONG
COMPUTER SOCIETY**
香港電腦學會



**Project
Management
Institute.**
Hong Kong

Training Course:

AI Governance, Methodology & Standard for Business and IT Leaders (AI治理、方法步驟 與 領導標準)

Course Number: AI-HKCS-PMI-202601

Standard Course Length: 5 Days | Total 30 hours

(Note: Customized version available, pls refer program parameter on last page)

Delivery Mode: In-person | Face-to-Face

Framework: Based on HKSAR AI Publications and PMI-CPMAI Exam Content Outline

Target Audience: Business leaders overseeing IT/AI initiatives, AI Practitioners, AI Project Managers from corporates, major Listed Company, CI (Critical Infrastructure), and major Banks, as well as IT/AI Leaders from start-ups.

Course Overview

In response to the HKSAR 2025 Policy Address promoting the wide application of AI, this premier cross-disciplinary alliance between the **Hong Kong Computer Society (HKCS)** and **PMI Hong Kong Chapter (PMIHK)** presents the "AI Governance Trilogy." This research-based program translates global policy into operational accountability, providing a cert-ready framework for managing AI system lifecycles. Participants will master international standards like **ISO 42001**, **ISO21500** and secure AI pipelines against emerging attack surfaces.

Course Objectives

Upon completion of this course, participants will be able to:

- **Establish Operational Accountability:** Define clear lines for AI risk ownership and accountability at board and delivery levels.
- **Implement Global Standards:** Apply the world's first AI Management System Standard, **ISO/IEC 42001:2023**, within a project framework.

- **Secure AI Pipelines:** Map NIST AI RMF and ISO 27001 onto AI attack surfaces to mitigate risks like prompt injection and data poisoning.
- **Align with National Policy:** Link AI governance KPIs to HKSAR Digital Policy Office (DPO) and PCPD guidelines.
- **Achieve Professional knowledge:** Based on the Global Certification **PMI-CPMAI™** Exam Content Outline (ECO), the cornerstone of AI project leadership, methodology and standards.

Prerequisites

To ensure high-energy and highly engaged interactive learning, participants should ideally possess

(a few of the following experience, but not mandatory except “Growth mindset”):

- **Professional Foundation:** Leadership experience in IT, HR, or Project Management sectors.
- **Regulatory Interest:** A need to understand evolving AI regulations (e.g., EU AI Act, China's Generative AI Regulations).
- **Technical Knowledge:** Some prior technical knowledge or AI coding experience is required to lead AI projects successfully.
- **Growth Mindset:** A willingness to engage in board-level reporting simulations and rapid gap analysis workshops.

Detailed Course Outline

Day/Time	Theme	Key Learning Points
Day 1	AI Governance for Project Leaders	Accountability vs. Ethics; Proportionality Principle; Drafting an AI Governance Charter; KPI design for board dashboards.
Day 2	Identifying AI Business Needs	Identifying business pain points; Evaluating initial AI feasibility; ROI determination and business case creation.
Day 3 (May 23)	Risk & Trustworthiness for AI Systems	Plan-Do-Check-Act applied to AIMS; Clause-by-clause walkthrough (4–10); Annex A controls mapped to real project artifacts; Mandatory documentation set; AI System Impact Assessment (AISIA) practicum; Third-party AI procurement governance.
Day 4	Board Briefing & Audit Readiness	STRIDE and LINDDUN threat modelling for AI; Mapping NIST AI RMF (Govern-Map-Measure-Manage) to ISO 42001;

This course outline is written by Alfons and Kelvin, who are the master trainers of this course under the HKCS and PMIHK AI Alliance. Copyright under the Alliance. (Version 23Apr0206)

Day/Time	Theme	Key Learning Points
		Adversarial ML, data poisoning, and prompt injection defense; Secure-by-design gates for the MLOps pipeline; HK-specific risks under the Critical Infrastructure Ordinance.
Day 5 AM	Operationalizing AI Solutions	Model governance; Performance monitoring; Transitioning from project to production support.
Day 5 PM	Board Briefing & Certification	Simulation: Presenting AI-Security and AIMS maturity to the Board (20-minute board pitch exercise); Stage-1 audit readiness checklist; Evidence-pack preparation for certification bodies

Facilitation Styles:

- High-touch, High-energy and Highly Interactive (3H)

Delivery Format:

- Options (5-day Standard class / 1-day condensed class / 1.5-hour Speech Sharing / 45min-Townhall)

Program Parameters:

- Facilitator-level Options (Professor Level / Master Trainer Level / ATP Certified Trainer Level)
- Outcome Focus Options (Awareness / Application / Governance Level)
- Learner Level (Working / Manager / Senior Manager / Top or Board Level)

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E-mail: marketing@pmi.org.hk / admin@pmi.org.hk