

Course 1. AI in Practice: From Concepts to Applications

Course synopsis

This course aims to provide students with a comprehensive understanding of artificial intelligence (AI) and its application in fields such as education. The course covers essential technologies, including machine learning, deep learning, and generative AI, and how they can be implemented and utilized. Students will begin by exploring the history and evolution of AI, gaining insights into how these technologies have developed over time and their impact on various sectors. The course will delve into specific contemporary AI technologies, such as large language model fine-tuning, prompt engineering strategies, and the emerging capabilities of LLM agents. A significant portion involves hands-on activities using both low-code platforms and an introduction to Python programming environments for AI tasks. The course will also address the ethical and social implications of AI. Discussions will cover ethical considerations, such as privacy, bias, transparency, and the role of AI in decision-making processes. Throughout the course, students will be introduced to frameworks for integrating AI into various real-world contexts.

Course content

	Topic
1	AI fundamentals and emerging AI technologies
2	Paradigms and theories of AI in different contexts
3	Introduction to Python
4	Practical Machine Learning
5	Practical Deep Learning
6	Large Language Models
7	Effective Prompt Engineering Strategies
8	Generative AI and its applications
9	LLM Agents & Workflows
10	Ethical issues in Artificial Intelligence and its applications

Course Credits: 3

Medium of instruction: English

Course 2. East Meets West: The Cultural Tapestry of Hong Kong

1. Course Synopsis

This course offers an in-depth exploration of Hong Kong's dynamic culture through an issue-based approach, designed specifically for exchange students. Spanning history, popular culture, literature, and society, the course delves into themes that illustrate the unique blend of "East Meets West" in Hong Kong. Students will engage with expert-led sessions, each focusing on distinct cultural issues, such as the historical evolution of Hong Kong, the impact of colonialism, the vibrant local arts scene, and contemporary societal issues. The course will incorporate experiential learning activities to enrich the academic experience. Through these immersive activities, students will gain a comprehensive understanding of Hong Kong's vibrant cultural landscape, fostering reflection and cross-cultural awareness. By the end of the course, students will have developed a nuanced appreciation of Hong Kong's cultural dynamics, equipped with the analytical tools to engage with complex cultural phenomena.

2. Course Intended Learning Outcomes (CILOs)

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

- survey the historical and cultural developments that have shaped Hong Kong, with a particular focus on the interplay between Eastern and Western influences;
- interpret and discuss key themes in Hong Kong's literature, film, and popular culture, recognising their significance in reflecting and shaping the unique character of Hong Kong;
- engage in informed discussions about contemporary issues in Hong Kong, drawing connections between local, national, and global perspectives;
- evaluate the impact of colonialism and globalisation on Hong Kong's society and cultural landscape, using interdisciplinary approaches.

Course Credits: 3

Medium of instruction: English