

The Education University of Hong Kong
Artificial Intelligence and Digital Competency Education Centre

Option 1

Artificial Intelligence Literacy Programme

For Secondary 6 Students of 2023/2024

Programme Schedule (Option 1A and Option 1B)

Remark 1: Participants of this class can choose to complete either:

- (i) Option 1A, or
- (ii) Options 1A and 1B.

Remark 2: For each school, 2-10 students are suggested and they are required to seek consent from their school before registration.

Remark 3: Students are required to complete the self-directed readings before joining the next workshop.

Day	Content	Mode	Date	Time
1	Start-up of Understanding Machine Learning	Zoom meeting	20 May 2024 (Mon)	2:30 p.m. – 3:00 p.m.
Self-directed Readings		Self-study	3 hours	
2	Understanding Machine Learning, Workshop 1: Introduction to Artificial Intelligence	On-site	21 May 2024 (Tue)	9:30 a.m. – 12:30 p.m.
	Understanding Machine Learning, Workshop 2: Let's Try Supervised and Unsupervised Learning & Closing			1:30 p.m. – 4:30 p.m.
3	Start-up of Understanding Deep Learning	Zoom meeting	22 May 2024 (Wed)	2:30 p.m. – 3:00 p.m.
Self-directed Readings		Self-study	3 hours	
4	Understanding Deep Learning, Workshop 1: Introduction to Neural Network, Computer Vision and Convolution Neural Network	On-site	23 May 2024 (Thu)	9:30 a.m. – 12:30 p.m.
	Understanding Deep Learning, Workshop 2: Experiencing AI with AlphaAI Robots & Closing			1:30 p.m. – 4:30 p.m.
Self-directed Readings		Self-study	1 hour	
5	Artificial Intelligence Data Model Training, Workshop 1: Ethical Use of AI, Brainstorming Project Ideas	On-site	24 May 2024 (Fri)	9:30 a.m. – 12:30 p.m.
	Artificial Intelligence Data Model Training, Workshop 2: Introduction of Selected AI Platforms, Project Guiding			1:30 p.m. – 4:30 p.m.
Artificial Intelligence Data Model Training, Project Work		Project Work	6 hours	
6	Artificial Intelligence Data Model Training, Workshop 3: Project Presentation & Closing	On-site	27 May 2024 (Mon)	9:30 a.m. – 12:30 p.m.
	Exploring Real-Life AI Application Development, Workshop 1: Building Machine Learning Models with Python Libraries			1:30 p.m. – 4:30 p.m.
Self-directed Readings		Self-study	1 hour	
7	Exploring Real-Life AI Application Development, Workshop 2: Building Deep Learning Models with Python Libraries	On-site	29 May 2024 (Wed)	9:30 a.m. – 12:30 p.m.
	Exploring Real-Life AI Application Development, Workshop 3: Using Python Libraries for Text Tasks in AI			1:30 p.m. – 4:30 p.m.
8	Exploring Real-Life AI Application Development, Workshop 4: Using Python Libraries for Speech and Audio Tasks in AI; Generative Adversarial Network	On-site	31 May 2024 (Fri)	9:30 a.m. – 12:30 p.m.
	Exploring Real-Life AI Application Development, Workshop 5: Text-to-Image Generation, Project Guiding			1:30 p.m. – 4:30 p.m.
Exploring Real-Life AI Application Development, Project Work		Project Work	6 hours	
9	Exploring Real-Life AI Application Development, Workshop 6: Project Presentation & Closing	On-site	3 Jun 2024 (Mon)	1:30 p.m. – 4:30 p.m.