

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

Option 2

Artificial Intelligence Literacy Programme (Full Version)

For Senior Secondary Students of 2023/2024

Programme Schedule (Second Semester, 2023-2024)

Remark 1: The target participants of this class are students who will be promoted from S4 to S5 or S5 to S6 in summer of school year 2023-2024.

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

Remark 3: Days highlighted in **red** – no face-to-face meeting, and students are required to complete the self-directed readings before joining the next workshop.

Day	Content	Mode	Date	Time
1	Understanding Machine Learning, Workshop 1: Introduction to Artificial Intelligence	On-site	26 Jun 2024 (Wed)	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.
2	Self-directed Readings on Machine Learning and Deep Learning	Self-Study	27 Jun 2024 (Thu)	
3	Understanding Deep Learning, Workshop 1: Introduction to Neural Network, Computer Vision and Convolution Neural Network	On-site	28 Jun 2024 (Fri)	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.
4	Artificial Intelligence Data Model Training, Workshop 1: Ethical Use of AI, Brainstorming Project Ideas	On-site	2 Jul 2024 (Tue)	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.
5	Artificial Intelligence Data Model Training, Project Work	Project Work	3 Jul 2024 (Wed)	
6	Artificial Intelligence Data Model Training, Workshop 3: Project Presentation & Closing	On-site	4 Jul 2024 (Thu)	9:30 a.m. – 12:30 p.m.
	Exploring Real-Life AI Application Development, Workshop 1: Building Machine Learning and Deep Learning Models with Python Libraries			1:30 p.m. – 4:30 p.m.
7	Exploring Real-Life AI Application Development, Workshop 2: Using Python Libraries for Text, Speech and Audio Tasks in AI	On-site	5 Jul 2024 (Fri)	9:30 a.m. – 12:30 p.m.
	Exploring Real-Life AI Application Development, Workshop 3: Generative Adversarial Network, Text-to-Image Generation, Project Guiding			1:30 p.m. – 4:30 p.m.
8	Exploring Real-Life AI Application Development, Project Work	Project Work	8 Jul 2024 (Mon)	
9	Exploring Real-Life AI Application Development, Project Work	Project Work	9 Jul 2024 (Tue)	
10	Exploring Real-Life AI Application Development, Workshop 4: Project Presentation & Closing	On-site	10 Jul 2024 (Wed)	1:30 p.m. – 4:30 p.m.