

# PolyU Summer Institute 2025

## Mini-Lectures

### Topic 1: Entrepreneurial Mindset – The Key to Staying Competitive Amidst AI and Rapid Change

#### Description:

In an era defined by artificial intelligence and rapid technological advancements, how can you stay competitive and relevant? Join us for an enlightening one-hour seminar tailored for senior secondary students from across the globe. The seminar is designed to introduce you to the transformative power of an entrepreneurial mindset, highlight its advantages, and provide practical strategies to cultivate this mindset in your own life.

An entrepreneurial mindset is not just for aspiring business owners; it is a crucial skill set for anyone aiming to thrive in today's fast-paced world. This mindset embodies creativity, resilience, adaptability, and a proactive approach to problem-solving—qualities that are essential in navigating the challenges and opportunities presented by AI and technological change.

We will begin by exploring what an entrepreneurial mindset entails and why it is indispensable in the 21st century. We will then discuss the advantages of adopting an entrepreneurial mindset, such as enhanced critical thinking, improved leadership skills, and increased confidence in the face of uncertainty. Finally, we will provide you with actionable steps and exercises to develop this mindset.

Whether you dream of becoming an entrepreneur or simply wish to enhance your personal and professional growth, this seminar will provide you with the insights and motivation to stay competitive and unlock your full potential.

### Topic 2: AI Fundamentals and Applications

#### Description:

Artificial Intelligence (AI) technology has become increasingly important in the modern world. Employers are increasingly seeking candidates equipped with AI skills and competencies. In this mini-lecture, we will explore the fundamental concepts of AI and the key subfields of AI, from Natural Language Processing (NLP), Computer Vision, Machine Learning, Deep Learning to Generative AI. The real-world applications of AI and their significant impact on industries and everyday life will also be discussed.



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