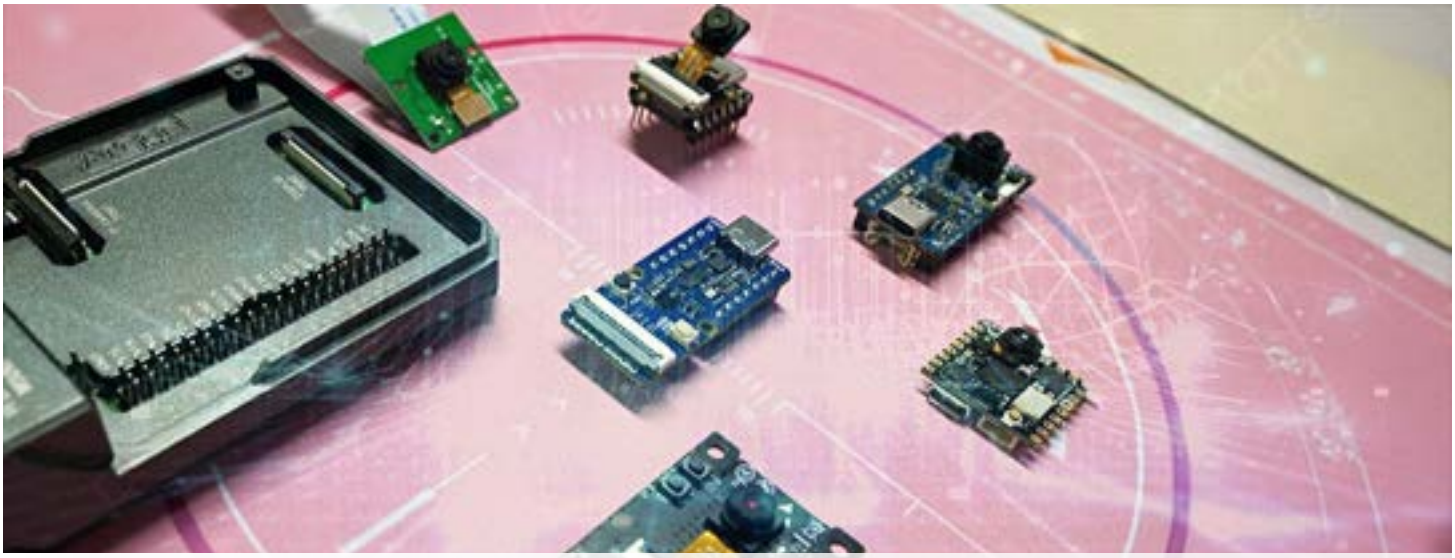
IVE Engineering 工程

AI Embedded System Fundamentals

[Course Code: 2409]



Duration: 9 hours

Programme Description

AI Embedded System Fundamentals" is designed to provide learners with a foundation in embedded systems and their integration with artificial intelligence technologies. By following a structured curriculum, learners will explore key concepts of embedded systems, covering their architecture, functionality, as well as essential aspects of machine learning and edge computing.

This programme offers a hands-on learning experience, enabling learners to participate in practical workshops and mini-projects that involve AI-driven applications like gesture-controlled robots and smart sensors. This hands-on approach ensures that students can effectively apply theoretical knowledge in real-world situations, thereby enhancing their problem-solving abilities.

Upon completion of the programme, learners will have developed basic knowledge that prepares them for further exploration in the fields of embedded systems and artificial intelligence. This course is particularly well-suited for technology enthusiasts looking to deepen their understanding in these rapidly advancing fields.

Learning Contents

- Introduction to Embedded Systems (3 hours) (Classroom)
- AI at the Edge (3 hours) (Workshop)
- Project Work and Applications (3 hours) (Workshop)

Certification

"Certificate of Attainment" will be issued to students who have passed the assessment and met the attendance requirements of the programme.

Class Venue

IVE Campus [TBC]

Course Fee

HK$1,680

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Enquiries

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