

Professional Diploma in Innovative Industrial Engineering [EG424733P]

Programme under Vplus Subsidy Scheme



Duration: 156 hours
(Can be completed normally within 1 year)

Programme Description

Hong Kong's manufacturing industry is set to become a new driving force of economic growth with the launch of the "Re-industrialization Funding Scheme" that provides \$2 billion to subsidize manufacturers in setting up new smart production lines locally. However, experienced practitioners may lack knowledge of relevant smart technologies, which can slow the development of smart manufacturing in Hong Kong.

The Professional Diploma in Innovative Industrial Engineering provides learners with the necessary skills and expertise in innovative industrial engineering, enabling them to grasp emerging technologies, such as Industry 4.0, A.I., and IIoT, and meet the demands of the rapidly evolving industry. The programme equips learners with a range of conceptual and technical skills that are essential for the development and implementation of smart manufacturing processes, and provides them with a pathway to develop careers in the field.

Learning Contents

- Digital Manufacturing and Industry 4.0 (26 hrs)
- IIoT Applications (26 hrs)
- Industrial Robotic Systems and Machine Vision (26 hrs)
- AI and Big Data in Industry (26 hrs)
- Production Planning and Control (26 hrs)
- Smart Design and Product (26 hrs)

Entry Requirements

- Five HKDSE subjects at Level 2 or above, including English and Chinese Languages, or equivalent, with one year's work experience; or
- Five HKCEE subjects at Grade E/Level 2 or above, including English and Chinese Languages, or equivalent, with two years' work experience; or
- Completion of a QF Level 3 programme, or equivalent, with one year's work experience or currently employed; or
- Relevant RPL qualification(s) at QF Level 3 or above; or
- 21 years old or above with 2 years relevant working experience, may be admitted subject to passing an interview and / or aptitude test, if necessary.

Class Venue

IVE (Tsing Yi)

Course Fee

HK\$28,080 **HK\$11,232* (with Vplus Subsidy)**

*This course is an eligible programme under "Vplus Subsidy Scheme – Vplus Engineering". Under this scheme, successful applicants will be refunded 60% of the paid tuition fees of eligible programmes, subject to a maximum of \$45,000 per person.

Enquiries

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IVE Engineering Discipline
In-service Training