

# Professional Diploma in Engineering Studies (Mechanical)

[EG424723P]

Programme under Vplus Subsidy Scheme\*



**Duration: 338 hours**  
**(Can be completed within 12 - 15 months)**

## Programme Description

This programme is jointly developed by IVE Engineering Discipline, CLP Power Academy and the RMIT University.

It aims to provide an all-round training in the areas of mechanical engineering, e.g. manufacturing systems, mechanics, thermodynamics, fluid mechanics, etc. It will also equip learners with the necessary engineering mathematics knowledge and computer-aided design (CAD) skills required by the engineering industry.

This programme paves the way for graduates to further study for higher qualification. Upon completion of this programme, graduates can apply for the Bachelor of Engineering (Mechanical Engineering) (Honours)<sup>1</sup> offered by RMIT University in collaboration with School for Higher and Professional Education (SHAPE), under the Vocational Training Council (VTC). This degree programme has gained full accreditation from Engineers Australia (EA) and the Hong Kong Institution of Engineers (HKIE) (Mechanical Engineering Discipline).

<sup>1</sup> Registration Number (Non-Local Higher and Professional Education (Regulation) Ordinance) : 212248  
It is a matter of discretion for individual employers to recognise any qualification to which this course may lead.

Enquiries

Whatsapp: 9081 5283 / T: 2435 9423

W: <https://EDiT.vtc.edu.hk>



IVE Engineering Discipline  
In-service Training

## Programme Outline

- Engineering Mathematics I
- Computer Aided Design
- Manufacturing Systems
- Introduction to Professional Engineering Practice
- Mechanics of Materials
- Thermodynamics
- Engineering Mathematics II
- Engineering Mathematics III
- Mechanical Engineering System
- Fluid Mechanics

## Entry Requirements

- Completion of Professional Diploma in Power Engineering; or
- Holders of Higher Diploma or Professional Diploma at QF Level 4 in engineering or relevant discipline, or equivalent, with two years' relevant work experience.

## Course Fee

HK\$ 47,500

HK\$ 19,000 after support by the Vplus Subsidy Scheme\*

## Financial Subsidy

### Vplus Subsidy Scheme\*

This Programme is under Vplus Engineering, part of the Vplus Subsidy Scheme supported by the HKSAR Government for promotion of lifelong learning. Eligible students can reimburse 60% of the course fee paid up to a maximum of HK\$ 45,000 per person. For details about Vplus Engineering, please visit: [www.vtc.edu.hk/admission/vplus-engineering](http://www.vtc.edu.hk/admission/vplus-engineering)

## Application Procedures

Applicants can submit application through the programme website at: <https://EDiT.vtc.edu.hk>

