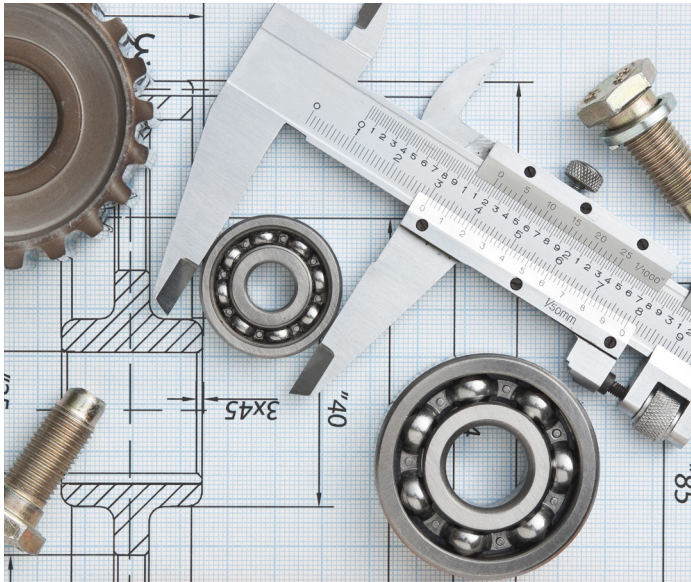


# Certificate for Junior Mechanics [EG422701Q]



**Duration: 90 hours**  
**(Can be completed within 3 - 5 months)**

## Programme Description

This programme is jointly developed by IVE Engineering and CLP Power Academy. It aims to equip learners with basic knowledge of mechanical engineering, safety awareness, and fundamental mechanical theory for solving simple engineering problems which pave their way to work in the mechanical industry as a competent junior mechanical fitters/ craftsman/ technician.

Graduates can further scale the progression ladder starting from diploma and professional diploma programmes to top-up degree programmes.

## Course Fee

HK\$8,500

## Programme Outline

This programme consists of three modules:

1. Foundation Engineering Mathematics
2. Vocational English: Presenting Simple Information and Ideas in Writing
3. Introduction to Mechanical Engineering and Safety

## Entry Requirements

1. Completion of S3, or equivalent, with 1-year working experience; or
2. Mature applicants, i.e. those aged 21 or above with at least two years' relevant work experience, may also be accepted. Where appropriate, may be required to pass an entrance assessment, which can be in an oral and/or written form.

## Articulation

Graduates are eligible to apply for IVE Engineering's Diploma in Infrastructure Engineering (Mechanical), and go on to pursue Professional Diploma in Power Engineering offered by IVE Engineering and top-up degree programmes.

Enquiries

T: 2435 9423 / Whatsapp: 9081 5283

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



IVE Engineering Discipline  
In-service Training



# Diploma in Infrastructure Engineering (Electrical & Mechanical)

[EG423403P]



**Duration: 546 hours**  
**(Can be completed within 24 months)**

## Programme Description

This programme is jointly developed by IVE Engineering and CLP Power Academy. It aims to equip learners with the trade-specific knowledge and skills of electrical and mechanical engineering and to enable them to develop careers in the engineering field related to utilities, building and infrastructure development.

Upon completion of this programme, eligible graduates can progress to professional diploma and top-up degree programmes.

## Programme Recognition

The programme is accredited by EMSD as one of the qualifications for fulfilling the academic requirements of registration as Grade A Electrical Worker.

## Programme Fee

HK\$54,600

## Programme Outline

This programme consists of fourteen modules:

1. Mechanical Principle
2. Fundamentals Circuit Theory
3. Computer Aided Drafting
4. Electrical Installation Practice A
5. Electrical Installation Practice B
6. Electrical Machines
7. Electrical Installation A
8. Electrical Installation B
9. Engineering Science
10. Pneumatic and Hydraulic Applications
11. Electrical Power System
12. Engineering Material
13. Engineering Mathematics
14. Pump, Compressor and Rotating Machine

## Entry Requirements

1. Completion of S6 under the new academic structure / S5 under the old academic structure, or equivalent, with 1-year working experience; or
2. Completion of S3 and Certificate for Junior Mechanics programme, with 1-year working experience.
3. Mature applicants, i.e. those aged 21 or above with at least two years' relevant work experience, may also be accepted. Where appropriate, may be required to pass an entrance assessment, which can be in an oral and/or written form.

## Articulation

Graduates are eligible to apply for IVE Engineering's Professional Diploma in Power Engineering offered by IVE Engineering and go on to pursue top-up degree programmes.

## Financial Subsidy

This programme will be covered by Vplus Subsidy Scheme pending to approval. Eligible students may apply up to 60% reimbursement of their tuition fee, totalling a maximum amount of \$45,000.

## Enquiries

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IVE Engineering Discipline  
In-service Training