Professional Diploma in Power Engineering [EG424410P] (Power Systems Stream)

Programme Outline

Core Courses:
- Safe Operation and Maintenance of High Voltage Installations*
- Design of High Voltage Power Supply Systems*
- Practices of Inspection, Testing and Commissioning on High Voltage Switchboard and its Ancillary Equipment*

Elective Courses for Power Systems Stream:
- Power System Protection and Control System
- Power System Cables
- Power System Overhead Lines
- Power System Plant Equipment
- Power System Planning & Design

*After having completed these three modules, learners could apply for an intermediate award, Professional Certificate (PC) in High Voltage Engineering.

Programme Description

This programme is offered jointly with CLP Power Academy. On completion of the programme, graduates will be awarded “Professional Diploma in Power Engineering” (at QF Level 4 by VTC). The programme aims at providing the practitioners specific vocational and professional education & training in some key areas of Power Engineering including specific safe system of works, design, installation, testing and commissioning, operation and maintenance of the high-voltage equipment in the power system.

Entry Requirements

- Five HKCEE subjects at Grade E/Level 2 or above, including English and Chinese Languages, or equivalent with two years’ relevant work experience; or
- Hold a QF Level 3 qualification or equivalent with breadth comparable to the HKDSE or HKCEE levels with two years’ relevant work experience; or
- Mature applicants, i.e. those aged 21 or above with at least two years’ relevant work experience, can be admitted. Where appropriate, the applicant may be required to pass in an entrance assessment or to complete relevant course(s) that is/are deemed acceptable to the respective Programme Board.

Duration: 296 hours
(Can be completed within 12 - 15 months)

Course Fee
HK$41,500

Programme Recognition

- The programme is accredited by Electrical and Mechanical Services Department as one of the approved training programmes serving the high-voltage engineering industry.
- Learners may register as Grade H Registered Electrical Worker (REW) if he/she has already held a Grade B or Grade C REW certificate at the time when he/she has completed part of the PD programme and obtained the intermediate award, i.e. Professional Certificate in High Voltage Engineering.
- Graduates are also eligible to register as Competent Person under CLP Power Safety Rules.
- Outstanding graduates will have the opportunity to be hired by local utilities in the industry including CLP Power.

Enquiries
T: 2435 9423
W: https://edit.vtc.edu.hk

Engineering Training Subsidy Scheme (ETSS)
Successful applicants will be refunded 60% of the tuition fees of eligible programmes, subject to a maximum of HK$45,000 per person. For details, please refer to www.vtc.edu.hk/admission/etss
Professional Diploma in Power Engineering [EG424410P]
(Power Plants Stream)

Programme Outline

Core Courses:
• Safe Operation and Maintenance of High Voltage Installations*
• Design of High Voltage Power Supply Systems*
• Practices of Inspection, Testing and Commissioning on High Voltage Switchboard and its Ancillary Equipment*

Elective Courses for Power Plants Stream:
• Control and Automation
• Electrical Rotating Machines
• Materials and Chemistry
• Mechanical Equipment
• Electrical Systems

*After having completed these three modules, learners could apply for an intermediate award, Professional Certificate (PC) in High Voltage Engineering.

Entry Requirements

• Five HKCEE subjects at Grade E/Level 2 or above, including English and Chinese Languages, or equivalent with two years’ relevant work experience; or
• Hold a QF Level 3 qualification or equivalent with breadth comparable to the HKDSE or HKCEE levels with two years’ relevant work experience; or
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• Outstanding graduates will have the opportunity to be hired by local utilities in the industry including CLP Power.

Course Fee

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