Vocational Training Council
Pro-Act Training and Development Centre [Electrical]

Course Information

Course Title : Electrician/Electrical Fitter Upgrading (E)

Course Code : EL5303253

Mode of Study : Part-time Evening

Duration : 62 Hours (25 Evenings)

Remarks : This course is recognised by the Electrical and Mechanical Services Department of the HKSAR Government as satisfying the academic requirements for the registration as Grade A Electrical Worker.

Item	Description

1. Safety precautions for work on low voltage installation
   - Personal safety protection equipment
   - Risk assessment

2. Basic systems of electricity in buildings/site
   - Supply system
   - Earthing system
   - Lightning protection system
   - Application of MiC
   - Temporary supply

3. Distribution system
   - Meter room
   - Final circuits
   - Issue of certificates

4. Motor control centre
   - Starter circuits
   - Motor control centre testing works

5. Some special low voltage installations with relevant regulatory requirements
   - High Voltage Discharge Lighting Installation (Neon sign)
   - Power supply to essential equipment
   - Charging facilities for electrical vehicle and renewable energy power system
   - Smart home systems