

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Preparation for High Voltage Expert - Level 2A

Course Objective

Participants will understand the fundamental principles of electrical engineering and conduct measurements using appropriate meters.

Course Content

e-Learning (6 Modules)

- Fundamental Principles of Electricity
- Hazards of Electrical Current
- Capacitors and Coils in Direct Current
- Circuit Technology and Electrical Systems
- Alternating Current and Electrical Motors
- Fundamental Principles of Measuring Technology

There will be an online quiz after each e-Learning module. Participants are required to pass the quizzes prior to attending the 3-day practical workshop. More details on the e-Learning modules will be furnished upon registration.

3-Day Practical Workshop

- Review of open questions from e-learning
- Identify components and their functions
- Measurement of readings with digital multimeters and oscilloscopes
- Measurement of voltage, current and resistance
- Measurement of period duration, frequency and peak values
- Implementation of circuits

Level of Proficiency

Intermediate

Entry Requirement / Course Advisory

Basic proficiency in English and basic understanding in Mathematics

Certification Awarded

Certificate of Competency

Course Details

Duration (Hours):

30

Training Venue:

ITE College West
1 Choa Chu Kang Grove Singapore
688236

Course Fees (inclusive of GST)

Full Fee

- \$ 2150.70

NETT Fee

(after 70% course fee subsidy)

- \$ 645.21

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$ 243.19

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$ 142.67

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month