



## SDF Funding

Employers who wish to apply for SDF funding must submit the SDF Form 1 to SDF at least one working day before course start date.

Download the form at [www.sdf.gov.sg](http://www.sdf.gov.sg) or request for a copy by calling the **SDF Hotline on 68835885**.

## Registration & Payment

- Walk-in at the Customer Service Centres
- Apply online at [www.ite.edu.sg/cet/sc/online.htm](http://www.ite.edu.sg/cet/sc/online.htm)
- Post the application form to us

Payment is required for confirmation of place. Crossed cheques should be made payable to 'Institute of Technical Education. At the back of the cheque, please write your name, NRIC/FIN, course title and contact number.

**Closing date:** 1 month before course start date or when the class is full.

## Withdrawal & Deferment

Withdrawal or deferment notice must be made in **writing**:

- 2 weeks or more before course start date - Full refund
- Less than 2 weeks before course start date - 50% refund
- On or after course start date - No refund

In the event that the course is cancelled due to unforeseen circumstances, full refund will be given.

# INSTALLATION & SERVICING OF LOW VOLTAGE SWITCHBOARD

## Objective

This course aims to equip participants with skills and knowledge in installing and servicing low voltage electrical switchboards. Participants will have hands-on practice to wire up the LV main switchboard and conduct essential tests on the switchboard.

## Who Should Attend

Graduates in Nitec in Building Services Technology and technicians and supervisors in the building servicing industries who wish to acquire skills and knowledge in installing and servicing of low voltage switchboards. Participants should preferably have basic knowledge about electrical circuit

## Content

- Functions of a Switchboard.
- Instruments and devices used in the LV main switchboard.
- Operations of power circuit in the switchboard.
- Wiring-up the indicating lamp.
- Wiring-up the protective circuit of the switchboard.
  - Fuses, miniature circuit breaker, overcurrent relay, earth fault relay and protective current transformer.
- Wiring-up the measuring circuit of the switchboard.
  - Ammeter, voltmeter, energy meter and measuring current transformer.
- Conducting basic tests on the switchboard.
  - Continuity test, insulation resistance test, primary injection test
- Servicing and maintaining a switchboard.

## Course Details

- Duration : 18 hours  
(3hrs Theory & 14hrs of wiring, testing and servicing practice and 1hr presentation on Primary Injection test)
- Total Fee : \$240  
(inclusive of GST and registration fee)
- Schedule : See our website for details or call us for more information