



## 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.

# PLC PROGRAMMING USING CX PROGRAMMER

## Objective

To provide participants with knowledge of the parts and functions of a programmable logic controller (PLC), its principles of operation and writing programs for simple operations using CX Programmer Software. This course will be conducted using the OMRON PLC.

## Who Should Attend

Graduates of Nitec in Electrical Technology or technical personnel in electrical field who wish to acquire the skills and knowledge on PLC Programming using CX Programmer.

## Content

- Describe the terms, concepts and system configurations of a PLC
- Describe the steps and concepts involved in programming a PLC
- Interface PLC to personal computer, initialise and test the programmer software for PC to PLC communication
- Use software to write simple programming instructions using AND, OR, and execute program to operate simple electro-mechanical circuits such as push buttons, sensors and contactors
- Store and retrieve files from Files Directory to perform editing and printing of programs
- Perform on-line editing
- Write application programs using programming instruction on Timers and Counters
- Use instructions on DIFU, DIFD and CMP and their application
- Complete and assignment which includes programming, simulation and final documentation of project

## Course Details

- Duration : 30 hours (10 sessions)
- Total fee : \$330 (inclusive of GST and registration fee)
- Schedule : See our website for details or call us for more information