



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 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
- 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.

INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLER (PLC)

Objective

To provide participants with knowledge of the parts and functions of a programmable logic controller (PLC), its principles of operation and writing programmes for simple operations

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

Content

- Explain the terms, concepts and system configurations of a PLC
- Explain the steps and concepts involved in programming a PLC
- Apply programming instructions of a PLC to perform the function of electro-mechanical switching
- Apply programming instructions of a PLC to operate solenoids in pneumatic circuits
- Explain the functions and programming instructions on timers, counters and data shifting of a PLC
- Write programs for simple operations of the PLC in accordance with given instructions for the application

Note: Hardware used in the course is OMRON CQMI while the software editor is CX PRORAMMER VER 5.

Course Details

- Duration : 30 hours (10 sessions)
- Total fee : \$300 (inclusive of GST and registration fee)
- Schedule : See our website for details or call us for more information