



## 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.

# TROUBLESHOOTING A REFRIGERATION SYSTEM

## Objective

Participants will be equipped with knowledge and skills on servicing and troubleshooting of simple refrigeration systems. At the end of the course, participants will be able to explain the operation of refrigeration systems and perform basic troubleshooting and servicing operations.

## Who Should Attend

Maintenance / Technical personnel who wish to gain some knowledge in the operation and servicing of a refrigeration system

## Content

- Basic terms of refrigeration cycle
- Principle of mechanical refrigeration cycle
- Operations of refrigeration components
- Properties of common refrigerants
- Properties of refrigerant oil
- Leak testing, vacuuming and charging
- Pump-down operation
- Trouble shooting of system failure
- Basic Electrical wiring

## Course Details

- Duration : 30 hours (10 sessions, 10 hours of theory & 20 hours of practical)
- Total fee : \$370 (inclusive of GST and registration fee) (SDF Funding is available)
- Schedule : See our website for details or call us for more information