



## Training Course Information Form

### Course Information

**Course Name:** Refrigeration and Air-conditioning Technician  
**Institute/Centre:** Port Training Institute      **Course Code:** T49  
**Type:**       Program       Course       Workshop  
**Course Duration:**       5 days       3 days       1 days       Other: --  
**Course Conducted:**       Local       International  
Indicate: -----  
**Course Venue:**      Any Where  
**Course Language:**       English       Arabic       Both       Other: -----

### Course Description

**Course Outlines:**

- The main components of the refrigeration unit and safety requirements
- Main Cooling circuit
- Electrical theory of the refrigeration units
- Technological methods to operate the refrigeration unit and how to identify faults
- Preventive maintenance routines

**Course Objectives:**

- Develop the skills of technicians responsible for the operation of refrigeration equipment and air conditioning by examining the correct ways to run, with following rules and instructions of safety and occupational health.

**Learning outcomes:**

**Course includes:**  Theoretical       Fire training module       Laboratory       Workshop       Site Visit

**Course Prerequisites:**

**Who should attend:**

---

**Course References:**

**No. of Participants/course:**  5-10                       10-15                       15-20                       Other: -----

**Qualifications of Participants:**

None

**No. of Lecturer:**  1                       2                       5

**No. of Assistance:**  1                       2                       3

**Course Facilities**

White Board     V. Projector     Data show     PC     Manual     Handouts  
 Books     Handouts     Flip charts     S/W     Other:

**Course Evaluation**

Written Examination     Written Report(s)     Oral Presentation     Attendance  
 Delegates Participation

**Certificate Issue:**

Local Premises                       AASTMT                       International

**Course Registration**

**Registration:**                       AAST Admission Registration                       Online                       Other: -----

**Documents**

**required:**

Registration form     ID/Passport copy     Photo