



# CERTIFICATE IN AIR-CONDITIONER MAINTENANCE AND SERVICE TECHNIQUES (CACMST)

## For Whom

This course is designed for aspiring Aircon technicians, HVAC professionals, facility managers, maintenance personnel, homeowners, and property managers. Gain essential knowledge and practical skills in air-conditioner maintenance and servicing. No prior experience required.

## Entry Requirement

- The student must be at least 18 years old
- Minimum 3 'O' Level or equivalent qualifications, including English and any 2 Science subjects (or)
- International secondary level qualifications with English, Mathematics and Science (or)
- Mature-aged student with more than 3 years of relevant working experience will be considered (Matured Candidate is normally anyone aged 30 years) (or)
- Other Candidates with industry experience will be considered on a case-by-case basis

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## Course Overview

The Certificate Course in Air-Conditioner Maintenance and Service Techniques is a comprehensive program designed to provide participants with the essential knowledge and practical skills required for effective maintenance and servicing of air-conditioning systems.

## Course Module

- Introduction to Air-Conditioning Systems
- Safety Precautions and Tools
- Air-Conditioning System Operation and Control
- Maintenance and Cleaning Procedures
- Troubleshooting and Diagnostics
- Refrigerant Handling and Charging
- Electrical Components and Control Systems
- Installation and Commissioning

## Course Duration

- 52 Hours

## Medium of Instruction

English

## Teaching Methodology

Blended learning – Class Room Face to face Training

## Learning Environment

An engaging and interactive classroom with Practical demonstration

## Key Person In-charge

Mr. Monish V (General Manager – Corporate Support Division)

## Class Size

Recommended Class Size – Classroom: 25

- Min – 10
- Max – 25

## Facilitator/Learner Ratio

1:25 (classroom)

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## Course Attendance Minimum

100% for classroom

## Course Fee Inclusive of GST

S\$654

## Assessment Advice

Part A:

- End-of-Module Written Examination: 100%
- The End-of-Module Written Exam is worth 100 marks. In the Written Examination, students must score a minimum of 50 marks out of 100 to pass this component.

Part B:

- Practical Assessment: Competency-based
- The Practical Assessment is competency-based and does not have a numerical mark. Students are assessed based on their practical skills and ability to perform security and access control installation tasks effectively.

## Funding & Claims

NA

## Certification

- Based on the successful completion of the course and assessment, a certificate of achievement endorsed by Eversafe Academy Pte. Ltd., will be awarded to the trainee
- E-cert Available

## Course Venue

- 2 Kampong Kapor Road Little India Near, Jalan Besar, MRT Station Exit B, Singapore 208674
- 3 Soon Lee Street, #04-14/16&17, Pioneer Junction, Singapore-627606
- 2, Joo Koon Road, Singapore-628966
- 2 Wan Lee Road, Singapore 627934

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## Registration Venue

No. 2, Kampong Kapor Road, Little India, Near Jalan Besar, MRT Station Exit B, Singapore - 208674

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SOP-64-F-06 (CACMST) Course Brochure, Ver 1.00 Rev 00, 01st Mar 2024



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