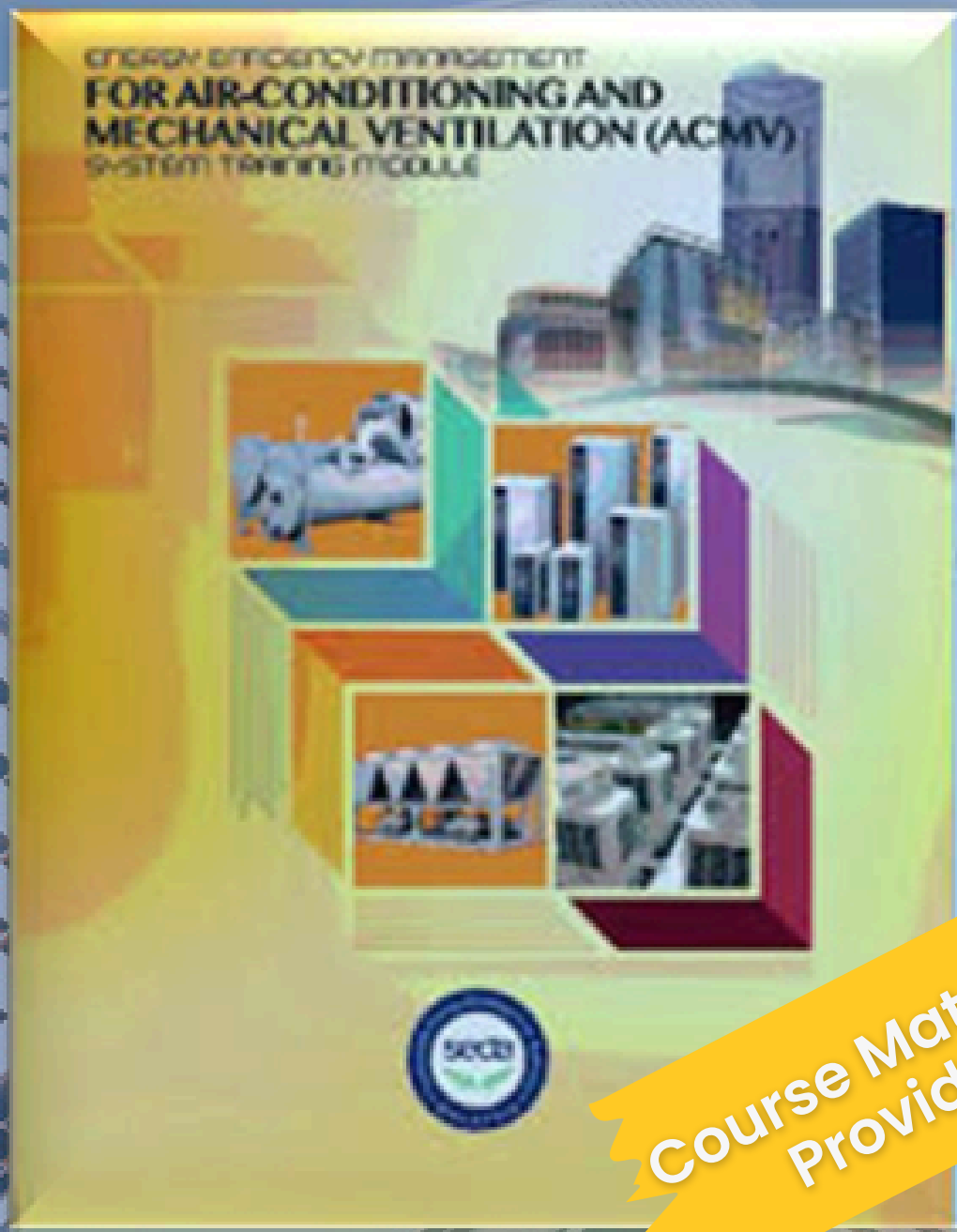


ENERGY EFFICIENCY MANAGEMENT FOR AIR-CONDITIONING & MECHANICAL VENTILATION (ACMV) TRAINING COURSE



Course Materials Provided

16 HOURS
ST CPD

12 POINTS
MBOT



DATE

14-15 July 2026



TIME

8:30 AM - 5:30 PM



Speaker

Ir. Ng Yong Kong
Director,
NYKK Engineering
Group Sdn Bhd



Speaker

Ir. Chen Thiam Leong
Advisor,
Primetech Engineers Sdn Bhd



VENUE:

Olive Tree Hotel, Penang

[REGISTER NOW!](#)

Organised By: Supported By:



Course Fee
(Inclusive of 8% SST):

RM2150.00 (Non Member)
RM 1600 (ASHRAE Member)

Contact Us For More
Info:

Faizah 0183518550

ENERGY EFFICIENCY MANAGEMENT FOR AIR-CONDITIONING & MECHANICAL VENTILATION (ACMV) TRAINING COURSE

DAY 1

Time	Topic	Duration
8.30-8.50am	Registration	20Min
8.50-9.00am	Opening Speech	10Min
9.00-10.30am	Chapter 1: Introduction to Air Conditioning & Mechanical Ventilation -Principle of Refrigeration -Psychometrics -Cooling Load Estimation & Software -Refrigerant Issue -Type of Air Conditioning system (Introductory) -Type of Mechanical Ventilation System (Introductory)	1Hr 30Min
10.30-10.45am	Morning Tea Break	15Min
10.45am-12.30pm	Chapter 1: Continued	1Hr 45Min
12.30-1.00pm	Chapter 2: Factors Affecting Air Conditioning Design -Human Comfort -Indoor Design Conditions -Outdoor Design Conditions -Ventilation Requirement -Heat Source (Radiation, Convection & Conduction)	30Min
1.00-2.00pm	Lunch Break	1Hr
2.00-2.30pm	Chapter 2: Continued	30Min
2.30-3.30pm	Chapter 3: Types of ACMV System – Design & Selection -Design and Selection of ACMV -ACMV System	1Hr
3.30-3.45pm	Afternoon Tea Break	15Min
3.45-5.15pm	Chapter 4: Understanding Cooling Load & Load Profile -Peak Cooling Loads -Diversity Factors -Base Cooling Loads -Phantom Loads -Full Load and Part Load Operation -Chillers Configuration -Peak Load Shaving	1Hr 30Min
5.15-5.30pm	Question & Answer	15Min
5.30pm	End Of Day 1	-