



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA



**8 CDP**  
*points by ST*

# Thermal Energy for Industry Fundamentals and Applications Training

4 – 5 March 2024

Azman Hashim International Business School, UTM Kuala Lumpur

**IT'S TIME TO ACT**

# EECA

## Keypoint about EECA

The Energy Efficiency Conservation Act (EECA) compels Malaysian companies to track & report on energy use (electricity & thermal) to boost National Energy Transition Roadmap (NETR) goals.

Companies with energy consumption more than 21,600 GJ/yr required to appoint Registered Energy Manager (REM), implement energy saving measures and are subject to periodic energy audit.

## TRAINING OUTLINE

This course will equip the participant with

- Basic principles of thermal energy.
- Mass and energy balances in processes.
- Enhance the efficiency of energy used
- Heat recovery and process heat integration
- Calculate potential energy savings and emission reduction
- Prepare energy efficiency and conservation report to be submitted to Energy Commission (EC)

**Enroll now**

<https://bit.ly/3RFLCNg>



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## TRAINING BENEFITS

- Teaches the key fundamentals and principles of thermal energy.
- Applicable to various disciplines (electrical engineers, mechanical engineers, environmental engineers, managers, etc.)
- Refresher for practising process engineers.
- Process industries case studies: oil and gas processing, petrochemicals, chemical process, and manufacturing.
- Suitable for plant operators, energy managers, energy consultants and many more.
- Preparation for the conversion of REM Type 1 to REM Type 2

**FEE: RM 2,500 per pax\***

\*Course materials,  
meals, and certificates.