



Professor Dr Zainuddin Abdul Manan

18 May · 🌐

Get a Master of Science in Energy Management and Professional Energy Manager Certification from UTM. Register by 30 June 2017

KEY FEATURES

- Holistic & Balanced**
Emphasis on policy and market instrument, socio-economy, technology and tools, for achieving energy efficiency, security and environmental sustainability
- Multidisciplinary & Practical**
Consider aspects of organisational management, business practice, technical and non-technical
- Comprehensive**
Coverage on management of electrical, thermal, conventional and renewable energy across industry, transport, commercial-domestic, power/energy generation sectors
- Contemporary**
Application of novel tools - process integration for energy and power optimisation via pinch analysis, smart decentralised hybrid energy generation (DCC), bioenergy systems modelling, planning and optimisation, smart energy data acquisition, monitoring and verification, life cycle analysis

UTM
MSc. ENERGY MANAGEMENT

UTM
Achievements in Energy Management

- Winner of ASEAN Energy Award 2012
- Awarded 3rd Star Energy Management OHS Standard by AEMAS
- Has 4 ISO Certified Energy Managers (CEM) and 7 REEMs
- Achieved 1 RM 21 million energy cost savings (2011-2015)

MODES OF STUDY
Full Time (in Johor) and Offshore (weekend classes)

BLENDED LEARNING
Conventional Face-to-Face
Online (Video) Lecture for Offshore Classes

1 YEAR ONLY!
Minimum for full time

2 INTAKES/YEAR
Feb. & Sept.

CPD Hours for Current REEMs
For each course taken

Software Developed In-House
Computer-Aided Tools for Energy Efficient Industry

Graduates will be awarded Registered Electrical Energy Manager (REEM) certification

Entry Requirements

- Degree in Engineering, Science and Technology
- Other degrees - 3 years experience in Process Industry

Professionally Certified Instructors CEM and REEMs

For further inquiries, please contact:
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DEADLINE for September 2017 intake: 30 June 2017

To register: Go to <http://sps.utm.my/online-application-procedure/> and click **APPLY NOW!**

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3 KEY FEATURES

Holistic & Balanced
Emphasis on policy and market instrument, socio-economy, technology and tools, for achieving energy efficiency, security and environmental sustainability

Multidisciplinary & Practical
Consider aspects of organizational management, business practice, technical and non-technical

Contemporary
Application of novel tools - process integration for energy and power optimization via pinch analysis, smart decentralized hybrid energy generation (SDEG), bio-refinery systems modeling, planning and optimization, smart energy data acquisition, monitoring and verification, life cycle analysis

Comprehensive
Coverage on management of electrical, thermal, conventional and renewable energy across industry, transport, commercial/domestic, power energy generation sectors



MSc. ENERGY MANAGEMENT

UTM Achievements in Energy Management

- Winner of ASEAN Energy Award 2012
- Awarded 3rd Star Energy Management Oid Standard by AEMAS
- Has > 40 Certified Energy Managers (CEM) and 7 REEMs
- Achieved > RM 21 million energy cost savings (2011-2015)

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