



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Razak Faculty of Technology
and Informatics

Master of Science (Engineering Business Management)

MQA/SWA0788

"BEING FUTURE LEADERS OF THE INDUSTRY"



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PROGRAMME OVERVIEW

Master of Science (Engineering Business Management)


is an integrated program that offers essential management and business skills as well as in technology and operations, provides opportunities for continuous education and enhancing knowledge in engineering. This program takes an application focus so that participants can directly contribute to immediately add values to their employers, and industry in general. It aims to prepare working professionals in the engineering and other professions in engineering or technical based organisations working for the transition into senior executive positions or engineering (or other professional) management roles and to prepare for life-long learning.

CAREER OPPORTUNITIES

- Managers
- Engineers
- Educators Consultants
- Chief Operating Officer (COO)
- Chief Technology Officer (CTO)
- Chief Executive Officer (CEO)

 COURSEWORK (46 CR)

 Intake: February and September

 Package 1: Weekdays Class
1.5 years (3 semesters)-4 years (8 semesters)
Package 2: Weekend Class
2 years (4 semesters)- 4 years (8 semesters)

ENTRY REQUIREMENT

A Bachelor's Degree with good honours from Universiti Teknologi Malaysia or any other institution of higher learning recognised by the Senate; OR

A qualification equivalent to a Bachelor's Degree as per above area and experience in the relevant field recognised by the Senate.

Additional requirement for International Applicant
An English Certificate of IELTS with the minimum band of 6.0 OR TOEFL with the minimum score of 550

CORE COURSES

- Financial Analysis
- Project Management
- Strategic Management
- Quality Management and Techniques
- Operations Strategy and Management
- Strategic Market Planning and Implementation
- Research Methodology
- 1 University General Course

ELECTIVE COURSE

- | | |
|---|---|
| Group A
(Operations and Technology) | Group B
(Business and Management) |
| <ul style="list-style-type: none">• Lean Operations• Supply Chain Management• Logistics Management• Maintenance Management• Integrated OSH and Environment Management• Technology Management• Creativity and Innovation Management• Decision Modeling• Simulation of Systems• Applied Statistical Methods• Information Systems Strategy for EBM• Engineering Informatics• Robust Product Development• Mechatronic System Design• Special Topics | <ul style="list-style-type: none">• Entrepreneurship and New Venture Creation• Economic Analysis for Technology• Legal Aspects of Business• Human Resource Management• International Business Environment and Operation• Design and Accounting for Sustainability• Economic Analysis for Technology |

MASTER PROJECT

- Master Project 1
- Master Project 2



"Long life learning!"

“ This programme inculcates the life-long learning process in latest multi-disciplinary topics in engineering, business and management. With the reputable course origin and its long-proven track records for the past, into future corporate leaders 20 years, it is the best bridging course in the country for engineers to transform themselves into a future corporate leader. ”

KHO TUCK-SING

Regional Product Manager
Kamstrup Asia Pacific Sdn. Bhd



"Develop my potential..!"

“ This programme has provided me with a fantastic opportunity to hone my leadership skills and explore my maximum potential. The knowledge gained enabled the application of new ideas to lift my organisation to greater heights besides having interactions with course-mates from diverse industries. ”

MEJIR ARVINTHAN VENUGOPAL

Head of Aircraft Structure Integrity Department
Royal Malaysian Air Force