



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

UTM Razak School of
Engineering and
Advanced Technology



Engineering Doctorate (Engineering Business Management)

Our Engineering Doctorate (Eng.D) program is aimed at developing individuals who are able to conduct research at doctoral level and implement innovative solutions in tackling real-life industrial problems which significantly contribute to the business performance of their companies.

The Eng.D is a doctoral-level qualification that is much more industrially focused than the traditional Ph.D program. It combines research in engineering at doctoral level with training in the management innovative solutions in tackling real-life industrial problems which will significantly contribute to the business performance of their companies.



Program Structure

The Eng.D programme consists of two components; taught course modules and research. The number of project aimed at solving real-life industry problems. At the end of the study, the student must submit a thesis and undertake an oral examination (viva). The minimum period of study for candidates with is 3 years (6 semesters). Candidates must achieve a minimum CPA of 3.00 for the taught course modules.



Program Objectives

Produce graduates who acquire and apply engineering business management knowledge that can give impact to the industry and society

Produce expert researchers in the field of engineering management by taking into account the latest knowledge and within the scope of professional practice and integrity

Develop effective and innovative industry leaders in solving real problems and able to make decisions in terms of technical knowledge, business management and organization

Entry Requirements

Master's degree or equivalent in the relevant discipline from a recognized/accredited university, or

Relevant industrial experiences may be considered as supplement to the entry qualifications

The candidate may either be a fresh graduate or a current employee of an industry related to the field of study

Courses

1. CORE COURSES

A. University Courses (6 credit - choose 2 ONLY)

● Research Methodology (Compulsory) and choose ONE Only	3
● Environmental Ethics	3
● Information and Communication Technology Ethics and Society	3
● Dynamics of Leadership	3
● Malaysian Society and Culture (for international students only)	3
● Organizational Behavior and Development	3

B. Programme Courses (9 credit – Compulsory ALL)

● Current Topics in Production and Operations Management	3
● Current Topics in Technology Management	3
● Advanced Financial Analysis	3

2. ELECTIVE COURSES (9 credit - choose 3 ONLY)

● Current Topics in Supply Chain Management	3
● Current Topics in Strategic Management	3
● Current Topics in Project Management	3
● Current Topics in Total Quality Management	3
● Advanced Economic Analysis	3
● Advanced Decision Modeling	3
● Current Topics in Lean Operations	3
● Current Topics in Strategic Market Planning	3
● Current Topics in Design and Accounting for Sustainability	3

3. DISSERTATION

54

TOTAL CREDIT

80

Fee

Full Time/ Part-time

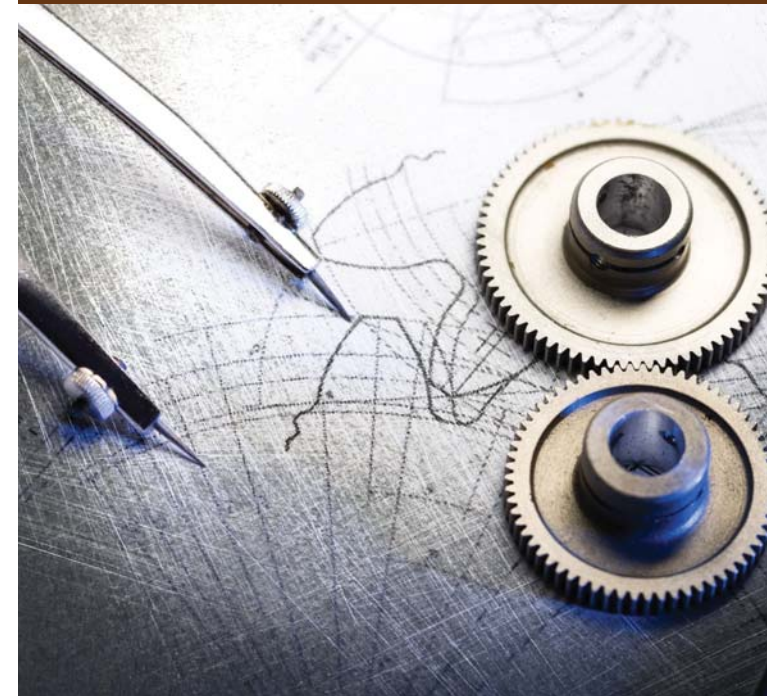
	Local	International
● Tuition fee (full time)	RM45,000.00	RM 51,000.00
● Tuition fee (part-time)	RM45,000.00	-
● Registration fee	RM 500.00	RM 4000.00
● Processing fee	RM 20.00	RM 114.00

Personal Bond * RM 1,500.00

* Refundable at the end of study program

ENGINEERING DOCTORATE

(ENGINEERING BUSINESS MANAGEMENT)



razakschool.utm.my

For online application, please log on to www.sps.utm.my
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