UniKL
UNIVERSITI
KUALA LUMPUR

(570132-T)

FLEXILEARN

WEEKEND & EVENING CLASSES

MOHE / MQA Approved & Accredited

JPT/BPP (R/525/6/0056) 07/19 MQA A 9868

BACHELOR OF ENGINEERING TECHNOLOGY (HONS) IN

AUTOMOTIVE MAINTENANCE

SETARA Tier 5 Excellence Status 2009-2013

#373 QS Asia University Ranking 2016

PUTRA Brand Award 2016

BRAND LAUREATE Icon Award 2016

KKLW Best Subsidiary Award 2014-2015

OVERVIEW

The Bachelor Degree of Engineering Technology in Automotive Maintenance at UniKL MFI prepares individuals to apply basic engineering principles and technical skills in support of automotive engineers and other automotive technology professionals engaged in developing, automotive manufacturing and testing self-propelled ground vehicles and their systems. Students majoring in Automotive Engineering Technology at UniKL MFI will be exposed to hands-on laboratory experience in automotive engineering processes, mechanical testing,metallurgy, emission and dynamometer testing.

FINANCIAL ASSISTANT

HRDF Claimable
**subject to company levy contribution*

EPF WITHDRAWAL

PTPTN
**subject to PTPTN approval*

CREDIT CARD

ENTRY REQUIREMENT

Passed Sijil Tinggi Pelajaran Malaysia (STPM) or equivalent with a minimum of at least Grade C (CGPA 2.0) in 3 subjects including Mathematics, a Science subject related and one other subjects AND pass in English at SPM or equivalent
OR
Pass Sijil Tinggi Agama Malaysia (STAM) with at least Jayyid Level and pass English at SPM or equivalent level
OR
Passed Diploma in Engineering / Engineering Technology (Level 4,KKM) in related field from a recognized PPT by the Malaysian Government with minimum CGPA 2.0
OR
Passed Diploma (Level 4, KKM) in the field of Vocational, Science or Technical/related skills and from the recognized PPT by the Malaysian Government with a minimum CGPA of 2.0 and a pass in English at SPM level or equivalent
OR
Pass in Foundation in Science and Technology / Science / Matriculation / Preparatory Program in Science from recognized PPT by the Malaysian Government with minimum CGPA 2.0 including Mathematics and one Science subject INCLUDING a pass in English at SPM or equivalent
OR
Pass in International Baccalaureate (IB) with at least 24/45 points including Mathematics and one Science subject
OR
Passed Higher National Diploma (HND), UK (Level 4, KKM) in related field from recognized PPT by the Malaysian Government with a minimum CGPA of 2.00 and

Other qualifications recognized by the Malaysian Government

POSSESSED A MALAYSIAN UNIVERSITY ENGLISH TEST (MUET) AT LEAST OF BAND 2 OR
AT LEAST MINIMUM IELTS BAND 4.0 OR
HAVE MINIMUM SCORES FOR TOEFL AT LEAST 450 (PBT) or 135 (CBT) or 40 (IBT)

PROGRAMME STRUCTURE

SEMESTER 1
Automotive Workshop Technology
Autotronic
Fundamental English
Mandarin I
Bahasa Kebangsaan A
Islamic/Moral Studies
Malaysian Studies

SEMESTER 2
French I
Chassis Technology I
Transmission
Petrol Engine Technology
Engine Management & Control Technology I
Mandarin II

SEMESTER 3
Engineering Technology Mathematics I
Pneumatics and Hydraulics
Advance Autotronics
Engineering Science I
Workshop Admin and Management
Diesel Engine Technology

SEMESTER 4
French II
Advance Transmission Technology
Auto Air Conditioning and Climate Control System
Chassis Technology II
Internal Combustion Engine
Engineering Science II
Technopreneurship

SEMESTER 5
Engineering Technology Mathematics II
Engine Management and Control Technology II
Collision Technology
Introduction Business Account and Finance
Vehicle Standard and Regulation
Innovation Management
Professional English I

SEMESTER 6
Alternative Fuel Vehicle
Automotive Entrepreneurship and Entership Development
Operation Management
Professional English II
Final Year Project II
Elective I

SEMESTER 7
Statistical Data Analysis for Engineering Technology Students
Tyre Technology
Vehicle Maintenance and Assessment
Final Year Project II
Elective II

SEMESTER 8
Industrial Training

*credit transfer or exemption based on prior learning

NOTE :
Elective Subjects I
Fleet Management
Engineering Ethic
Automotive Engineering Drawing

Elective Subjects II
Engine Performance Enhancement
Noise, Vibration and Harshness
Automotive Materials

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