

Choosing the right field of study

STUDENTS often find themselves lost and indecisive about the course to pursue after SPM, STPM, matriculation, or foundation.

Transitioning from SPM or foundation level to university can be daunting, but with the right choice of programme, they can seamlessly transition into tertiary education.

It is important to choose a field of study that interests them and an institution that provides a wholesome and well-rounded experience.

One of the marketable areas that provided a good platform is Engineering and Technology.

In fact, Malaysia needs a high number of workers in the fields of Manufacturing, Mechanical, Electrical and

Electronic areas.

Technology has helped us a lot on a daily basis and to create technology, we need an engineer so that we can develop a new technology which can help a lot of people.

Without technology, we would not be able to complete our work. There also won't be laptops, transportation, or light, and it will take too much time for us to process something.

Universiti Kuala Lumpur (UniKL) is one of the universities that provide programmes for engineers-to-be.

More specifically, one of UniKL's campus – Malaysian Spanish Institute (UniKL MSI) – is one of the campuses which focuses on Mechanical,

Manufacturing, Electrical and Electronic with embedded automotive technology.

Since 2002, this campus has been in cooperation with the Spanish government and offers various courses for diplomas and bachelor's degree in engineering technology.

The programme mostly offers individuals with wide knowledge and capabilities in design for the manufacture of mechanical products and prepares graduates with the technical skills and capabilities in current distribution installation.

This is also the best route for students who are passionate about engineering technology with 60%-70% of learning methods being hands-on.



Students are provided with practical learning or 'hands-on' with the help of facilities at industry standards.

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- Certificate in Information Technology (N/482/3/0174)(MQA/PA14584)
- Certificate in Business Studies (N/340/3/0778)(MQA/PA11226)
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Foundation

- Foundation in Arts (R/010/3/0487/11/27 (MQA/FA9415))
- Foundation in Science (Medicine/Pharmacy) (R3/010/3/0250/09/24 (A6527))
- Foundation in Allied Science (R2/720/3/0007/04/26 (MQA/FA0260))

Our Scholarships:

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This method can provide students with extensive knowledge of the ins and outs of the industrial environment and learn through real experience in the industry.

UniKL-MSI offered three diploma courses for this July 2023 intake which are Diploma of Engineering Technology in Mechanical Design and Development, Diploma of Electronic Engineering Technology (Industrial Automation and Control) and Diploma of Engineering Technology in Production.

This programme is offered specifically for SPM graduates as well as SKM level 3 graduates.

Apart from pure science streams, students from other streams are also eligible to apply for this engineering technology programme by passing SPM and obtaining a minimum grade C in mathematics and any science or technical subjects.

UniKL-MSI also offers a Bachelor of Engineering Technology programme in a field of Mechanical, Mechatronics, Manufacturing, Automotive and Applied Electronics for this coming September 2023 Intake and January 2024.

Besides, there is also Bachelor in Mechanical Engineering with Honours offered at the campuses located at Kulim Hi-Tech Park.

SPM graduates can continue to pursue the bachelor's degree programme offered through the Foundation in Sciences and Arts which is also offered at the UniKL-MSI campus.

The programme focuses on all types of mechanical systems design and development including automotive.

It also deals with thermodynamics, heat transfer, structures and materials, fluid dynamics and advanced control systems.

Automotive engineering mainly focuses on the design, manufacture and operation of engines and cars.

It is not only offering theoretical training but also

practical application where the students will be able to experience machines and engines first-hand.

Moreover, at UniKL-MSI, students will apply with soft skills and hard skills so that the students will be well prepared and meet the requirements in starting their careers.

Rather than focusing on their discipline or area of specialisation, they will be exposed to other knowledge such as management, business practices, leadership, and entrepreneurship as an added value.

Students will not just learn about engineering but will be equipped with knowledge to build their business after they finished their studies.

Students are provided with practical learning or "hands-on" with the help of facilities at industry standards.

In addition to technical skills, UniKL MSI also stresses communication skills through activities and programmes organised by the university while creating a more interactive learning environment.

Students are also provided with education funding provided by Majlis Amanah Rakyat, PTPN as well as other sponsoring bodies.

As the premier leader in Technical and Engineering Technology education nearing 20 years, UniKL would be a trump card to get the perfect head start into these high-skills and noble professions.

UniKL MSI produces highly skilled and knowledgeable graduates, who are also competent, innovative, and able to solve design and engineering-related problems in line with the industry requirements and graduates who have effective leadership qualities to support their roles in the industries. —
By TS.MOHD SUYERDI OMAR

For admission enquiries, details qualification and more information, check out the website at www.unikl.edu.my or call 014-886 1896 or email hamizah@unikl.edu.my