

20 EDUCATION
theSun LYE ON TUESDAY | JULY 11, 2023

UniKL-MSI offers three engineering diploma courses for July 2023. — UNIKL-MSI



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UniKL Page



Universiti Kuala Lumpur DU011(W)

○ Engineering and Technology industries provide marketable skills

STUDENTS often find themselves lost and undecided on the right courses to pursue after SPM, STPM, matriculation, or foundation studies. The transition 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 institutions that provide a wholesome and well-rounded experience.

One of the marketable areas that provides a good platform is Engineering and Technology. In fact, Malaysia needs high numbers of workers in Manufacturing, Mechanical, Electrical, and Electronic areas to fill key positions in these industries.

Universiti Kuala Lumpur (UniKL) is one of many universities that provide programmes for engineers-to-be. To be more specific, one of UniKL's campuses, the Malaysian Spanish Institute (UniKL-MSI), is one of the campuses that provides Mechanical, Manufacturing, Electrical, and Electronic programmes with embedded automotive technology.

Since 2002, UniKL's campus, in cooperation with the Spanish government, has offered various courses for diploma and bachelor's degrees in Engineering Technology. The programme mostly provides an individual with wider knowledge and capabilities in the design and manufacture of mechanical products.

This is also the best route for students who are passionate about engineering technology, with 60%-70% of learning methods being hands-on. This method can provide students with extensive knowledge of the ins and outs of the industrial environment and also allow them to learn through real-life experience in the industry.

UniKL-MSI offers three diploma courses for this July 2023 intake: 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 of C in mathematics and any science or technical subjects.

UniKL-MSI also offers the Bachelor of Engineering Technology programme in the fields of Mechanical, Mechatronics, Manufacturing, Automotive, and Applied Electronic for this upcoming September 2023 intake and January 2024.

In addition, there is also the 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 is focused on all types of mechanical system 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 offers not only theoretical training, but also practical application, where the students will be able to experience machine and engine operations firsthand.

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

Students are provided with practical learning, or "hands-on," with the help of facilities that meet 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 and PTPTN, as well as other sponsoring bodies.

As the premier leader in Technical and Engineering Technology education for almost 20 years, UniKL would be the perfect head start into these highly skilled and noble professions. UniKL-MSI produces highly skilled and knowledgeable graduates who are competent, innovative, and able to solve design and engineering related problems in line with industry requirements. They also produce graduates who have effective leadership qualities to support their roles in industry.

For more information, visit unikl.edu.my, contact admission at +6014-8861896 or email hamizah@unikl.edu.my.