UniKL AWARD & RECOGNITION

QS Asia Ranking TOP 300 — 2020

MyRA Most Improved University — 2020

Top Islamic Finance Institution WORLD NO. 6 — 2020

TOP 10 Time Higher Education World University Rankings Malaysia — 2021

Malaysia Hockey League CHAMPIONS — 2018, 2019, 2020

PUTRA BRAND Award — 2016, 2018, 2019, 2020

SUPERBRAND Status — 2018

BRAND LAUREATE — 2016, 2017, 2018

Frost and Sullivan Asia Pacific Award — 2016, 2017, 2018

UniKL
UNIVERSITI KUALA LUMPUR

Universiti Kuala Lumpur-DU011 (W)

MARA
CORPORATION

FLEXILEARN
EVENING CLASSES

EARN HIGHER QUALIFICATION WITHOUT QUITTING YOUR JOB NOW !

MQA
Approved and Accredited by MOHE & MQA

Accredited by ETAC

FINANCIAL ASSISTANCE

- **MARA** Loan
- **HRDF** Claimable
- **EPF** Withdrawal
- **PTPTN**

* Subject to Terms & Conditions

UNIVERSITI KUALA LUMPUR
KAMPUS CAWANGAN BRITISH MALAYSIAN INSTITUTE
Batu 8 Jalan Sungai Pusu, 53100 Gombak, Selangor.

📞 (603) 6184 1000   🖨 (603) 6186 4040

----

1) FATIN FARHANA MOHD ZUKI

✉ fatinfarhana@unikl.edu.my   📞 (603) 6184 1000   📱 (6011) 7018 8543

2) ZUL'AZMI ZULKIFLI

✉ zulazmi@unikl.edu.my   📞 (603) 6184 1000   📱 (6012) 323 0024

FOLLOW US FOR MORE INFORMATION

🌐 www.unikl.edu.my   📷 @uniklofficial

f Universiti Kuala Lumpur - Officialpage

JPT/BPP (R2/523/6/0065) 11/21, MQA/FA11142

BACHELOR OF TELECOMMUNICATION ENGINEERING TECHNOLOGY WITH HONOURS

OVERVIEW

Telecommunication Engineering is one of engineering branch that is in demand in Malaysia. Based on DeLoitte's 2017 industry outlook report, there was a strong growth in the telecommunications sector with huge demand in the areas of high-speed data, Internet of Things (IoT) etc. Thus the Bachelor of Telecommunication Engineering Technology with Honours (BTET) programme in UniKL BMI was established in direct response to the rapidly increasing local, as well as international, demand for graduates with technical knowledge and to succeed in this fast-moving field.

Our BTET programme is designed to prepare students to position themselves at the forefront of technological knowledge and skills for professional careers in various Telecommunications fields. The degree's contents include knowledge about basic electrical and electronic systems, signal processing, signal propagation in different physical media and communications networks. Our degree consists of a large practical component, at least 60% of total credit weight is dedicated to tutored laboratory practical.

In addition, the Communication networks modules are adapted based on CISCO Networking Academy framework. Thus upon graduation, our graduates are equipped with Cisco Certified Network Academy Certificates. These certifications will prepare them with sufficient knowledge to further take Cisco Certified Network Associate (CCNA) and Cisco Certified Network.

FLEXIBLE LEARNING

Offering flexibility to cater to your schedule, so that you can pursue additional knowledge without interfering with your work schedule.

UniKL offers the flexibility to cater to your work schedule and provide you with the opportunity to enhance your skills whilst not compromising your work time. This workaround learning schedule is the main reason many professionals choose to enter UniKL's FlexiLearn programmes. Selected Professional Certificates can be embedded into the programmes as well. Furthermore, prior academic qualifications and working experience may be taken into consideration for syllabus exemptions.

APEL
Accreditation of Prior Experiential Learning

APEL (Accreditation of Prior Experiential Learning) is a systematic process which involves the IDENTIFICATION, DOCUMENTATION, and ASSESSMENT of prior experience related to a study programme.

APEL is a systematic process that involves the identification, documentation and assessment of prior experiential learning, i.e. knowledge, skills and attitudes, to determine the extent to which an individual has achieved the desired learning outcomes, for access to a programme of study and/or award of credits.

PROFESSIONAL CERTIFICATES

- GREEN Card CIDB

ENTRY REQUIREMENT

- **Pass A-Level** with minimum Grade D in Mathematics and ONE (1) relevant science subject.
  OR
- **Pass Matriculation** with minimum CGPA 2.0 with minimum Grade C (CGPA 2.0) in Mathematics and ONE (1) relevant science subject.
  OR
- **STAM with minimum Jayyid minimum Grade C (CGPA 2.0)** in Mathematics and ONE (1) relevant science subject or equivalent.
  OR
- **Pass in International Baccalaureate (IB)** with at least 24 points.
  OR
- **Pass Higher National Diploma (HND) UK (MQF Level 4)** in related area and recognized by government of Malaysia and according to approval by UniKL Senate.
  OR
- **Pass Diploma Kemahiran Malaysia (DKM) / Diploma Lanjutan Kemahiran Malaysia (DLKM) / Diploma Vokasional Malaysia (DVM)** with a minimum CGPA of 2.50 subject to the approval of the Senate / Academic Board of the relevant institution;
  OR
- **Pass the DKM / DLKM / DVM** with a minimum CGPA of 2.00 AND have at least two (2) years of work experience in the related field.

PROGRAMME STRUCTURE

SEMESTER 1
- Fundamental English
- Professional English 1
- Engineering Mathematics 1
- Tamadun Islam & Tamadun Asia (TITAS) or Bahasa Melayu Komunikasi 2
- Electrical and Electronics Workshop
- Engineering Mechanics

SEMESTER 2
- Engineering Mathematics 2
- Professional English 2
- Isu-isu Kontemporari Muslim di Malaysia (LM) or Culture and Lifestyle in Malaysia 2
- Introduction to Electronics
- Introduction to Electric Circuits
- Programming for Engineers
- Hubungan Etnik or Pengajian Malaysia 3

SEMESTER 3
- Engineering Mathematics 3
- Introduction to Digital Electronics
- Electronic Devices and Circuits
- Electrical Circuit Theorems
- Foreign Language 1
- Network Fundamental
- Transmission Systems

SEMESTER 4
- Communication Technology Principles
- Optical Fibre Technology
- Electromagnetic Waves
- Network Technology
- Internet of Things (IoT) Technology
- Foreign Language 2
- Essential Management Principles

SEMESTER 5
- Technopreneurship
- Industrial Safety and Health
- Signals and Systems
- Engineering Ethics and Professionalism in Society
- Wireless Network Architecture
- Data Communications

SEMESTER 6
- Final Year Project 1
- Application Interface Controller
- Advanced Data Communications
- Innovation Management
- RF, Microwave and Antenna
- Elective
- Co-Curriculum 2

SEMESTER 7
- Final Year Project 2
- Network Security
- Mobile Communications
- Elective
- Elective

SEMESTER 8
- Industrial Training

* the duration of the programme will be based in the actual credit transfer and number of courses taken by student on every semester.