

UniKL AWARD & RECOGNITION



FLEXILEARN

WEEKEND & EVENING CLASSES

EARN HIGHER QUALIFICATION
WITHOUT QUITTING YOUR
JOB NOW !



FINANCIAL ASSISTANCE

UNIVERSITI KUALA LUMPUR
KAMPUS CAWANGAN MALAYSIA FRANCE INSTITUTE
Section 14, Jalan Damai, Seksyen 14, 43650 Bandar Baru Bangi, Selangor
☎ (603) 8913 2800 ☎ (603) 8925 8845

1) FARAH SALWANI BTE ZAINOL

✉ farahsalwani@unikl.edu.my ☎ (603) 8913 2818 📱 (6014) 662 7964

2) AZLI MOHSIN

✉ azlimohsin@unikl.edu.my ☎ (603) 8913 2800 📱 (6012) 297 3567

3) AINI FADHILAH MOHD SAAD

✉ aini@unikl.edu.my ☎ (603) 8913 2800 📱 (6013) 373 7361

FOLLOW US FOR MORE INFORMATION

🌐 www.unikl.edu.my 📷 @uniklofficial

📘 Universiti Kuala Lumpur - Officialpage



MARA Loan



HRDF Claimable



EPF Withdrawal



PTPTN

* Subject to Terms & Conditions

Disclaimer: All information is correct at time of printing. However, subject to change by the management of Universiti Kuala Lumpur and will be notified of changes if any. All the information on materials, notes, handouts distributed are **COPY RESERVED**. No circulation, distribution or reproduction of contents, whole or on parts can be made without prior and written permission of Universiti Kuala Lumpur.

JPT/BPP (R3/521/6/0033) 05/29, MQA/FA11538

BACHELOR OF ENGINEERING TECHNOLOGY (WELDING AND QUALITY INSPECTION) WITH HONOURS



OVERVIEW

Bachelor of Engineering Technology (Welding and Quality Inspection) with Honours is the first programme of its kind in Malaysia and would probably be the first in this region. The modules/syllabus were developed by Universiti Kuala Lumpur with the cooperation of our industrial partner, SIRIM Berhad. This a four-year programme that is intended to produce future graduates or individuals with professional qualifications accepted by the industries. The programme would also emphasize in imparting up-to-date technical know-how and competencies as a Welding Engineer.

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

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 MEMBERSHIP

- API 277

PROFESSIONAL RECOGNITIONS

- Engineering Technology Accreditation Council (ETAC)
- American Welding Society (AWS)

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

- Tamadun Islam & Tamadun Asia (TITAS)
- Bahasa Melayu Komunikasi 2
- Technopreneurship
- Engineering Mathematics 1
- Fundamental English
- Professional English 1

SEMESTER 2

- Isu-Isu Kontemporari Muslim di Malaysia / Culture and Lifestyle in Malaysia
- Electrical Principles
- Material Science
- Statics and Dynamics
- Workshop Practice
- Engineering Drawing

SEMESTER 3

- Engineering Ethics
- Applied Calculus 2 (Mechanical)
- Basic Programming
- Hubungan Etnik / Malaysian Studies 3
- Strength of Materials
- Manufacturing Process
- Welding And Cutting Process

SEMESTER 4

- Statistical Data Analysis
- Professional English 2
- Occupational Safety & Health
- Welding Practices
- Fundamental Metallurgy
- Welding Mechanics
- Joining Technology

SEMESTER 5

- French 1
- Project Management
- Design And Fabrication (Vessel)
- Welding Metallurgy
- Corrosion
- DT and NDT

SEMESTER 6

- Final Year Project 1
- French 2
- Welding Inspection and Technology
- Design And Fabrication (Structure)
- Welding Reclamation
- Failure Analysis

SEMESTER 7

- Final Year Project 2
- Innovation Management
- Welding Procedure Construction
- Fabrication and Application Engineering

SEMESTER 8

- Industrial Training

Elective Subjects

- Advanced Welding Process
- CAD Modelling and CAE
- Robotic Welding
- Advanced Manufacturing Technology
- Finite Element Analysis in Welding
- Introduction to Underwater Welding (Wet Welding)

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

