FINANCIAL ASSISTANCE

MARA Loan
HRDF Claimable
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FLEXILEARN
WEEKEND & EVENING CLASSES
EARN HIGHER QUALIFICATION WITHOUT QUITTING YOUR JOB NOW!

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

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

* Subject to Terms & Conditions
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) 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 Jayyil 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 INCCLUDING a pass in English at SPM or equivalent; OR
- Pass in International Bacalaureate (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

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

SEMMESTER 2
- Ihsan-Ihsan Koleminari Muslim di Malaysia /Culture and Lifestyle in Malaysia
- Electrical Principles
- Material Science
- Statics and Dynamics
- Workshop Practice
- Engineering Drawing

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

SEMMESTER 4
- Statistical Data Analysis
- Professional English 2
- Occupational Safety & Health
- Welding Practice
- Fundamental Metallurgy
- Welding Mechanics
- Joining Technology

SEMMESTER 5
- French 1
- Project Management
- Design And Fabrication (Vessel)
- Welding Metallurgy
- Corrosion
- DT and NDT

SEMMESTER 6
- Final Year Project 1
- French 2
- Welding Inspection and Technology
- Design And Fabrication (Structure)
- Welding Reclamation
- Failure Analysis

SEMMESTER 7
- Final Year Project 2
- Innovation Management
- Welding Procedure Construction
- Fabrication and Application Engineering

SEMMESTER 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 on the actual credit transfer and number of courses taken by student on every semester.