
PROGRAMME INFORMATION

PROGRAMME NAME

Programmes (Malay/English)

- Sarjana Muda Teknologi Kimpalan Dengan Kepujian
- Bachelor of Technology in Welding with Honours

PROGRAMME DESCRIPTION

This program focuses on the field of welding technology. The program will produce welding technologies that carry out related welding work including maintenance, fabrication, design, safety advisors and production managers. Apart from that, this program also exposes its students to management knowledge and technology entrepreneurs in the field of welding. This program is designed in line with the requirements of the latest industrial environment and emphasizes and exposes in various welding related industries. In general, the field of welding is an important and widespread field in various industrial sectors that include work related to fabrication, design of safety advisors and maintenance.

PROGRAMME OBJECTIVES (PO)

CODE	PROGRAMME EDUCATIONAL OBJECTIVES
PEO 01	To produce welding technologist that perform related welding work including maintenance, fabricator, design, safety advisor and production manager.
PEO 02	To produce technopreneurs in related welding technology.
PEO 03	To produce relevant respected referred professionals in welding technology.

PROGRAMME LEARNING OUTCOME (PO)

CODE	PROGRAMME OUTCOMES
PO 01	Apply knowledge of technology fundamentals to broadly-defined procedures processes, systems and methodologies in welding technology.
PO 02	Able to suggest and apply latest tools and techniques to solve broadly-defined problems.
PO 03	Demonstrate strong analytical and critical thinking skills to solve broadly-defined problems in welding technology.
PO 04	Able to communicate and articulate effectively in both verbal and written among technologist communities and society at large.
PO 05	Demonstrate understanding of the societal related issues and the consequent responsibilities relevant to broadly-defined technology practices.
PO 06	Recognize the needs for professional development and to engage independent lifelong learning in specialist technologists.
PO 07	Demonstrate an awareness of management and technopreneurship practices in real perspective.
PO 08	Demonstrate professionalism and social and ethical consideration.
PO 09	Demonstrate leadership quality, mentoring and work effectively in diverse teams.

PROGRAMME DETAIL

- Two and half (2.5) years teaching and learning at university – 5 semesters
- One (1) year Work Based Learning (WBL) at industry – 2 semesters
- Six (6) months of Industrial Training at the end of study
- Total of Seven (7) semesters including 1 short semester
- Each semester (14 weeks of Teaching and Learning) excluding of short semester

ADMISSION FEES

- Tuition Fee Semester 1 - RM 2,690
- Next Semester Tuition Fee - RM 1,900

PROGRAMME STRUCTURE

YEAR	FIRST			SECOND			THIRD		FOURTH	
SEMESTER	I	II	III	IV	V	VI	VII	VIII	VII	VIII
COMMON CORE	VDT130/4 CAD and Welding Graphic	VDT133/3 Product Design in Welding		VDT230/4 Material Behaviour in Welding	VDT236/4 Computer Aided Analysis		VDT330/4 Welding Quality Assurance	VDT315/4 FYP 1	VDT415/ 6 FYP 2	VDTXX/12 Industrial Training
	VDT131/4 Safety in Welding	VDT134/4 Welding Documentation		VDT231/4 Safety Management	VDT237/4 Imperfection in Welding and Testing		VDT331/4 Economic of Welding and Procurement	VDT334/3 Cyber Physical System in Welding		
	VDT132/4 Metal Fabrication Process	VDT135/4 Non-Conventional Welding Process		VDT232/4 Welding Design Analysis	VDT238/4 Welding Electrical Equipment		VDT332/4 Non -Destructive Test	VDT335/4 Reclamation Workshop		
				ELECTIVE: VDT233/4 Welding Technology/ VDT235/4 Welding Inspection / VDT 235/4 NDT Professional	VDT239/4 Capstone Technopreneur Project 1		VDT333/4 Capstone Technopreneur Project 2	VDT336/4 MANAGING PRODUCTION/S UPERVISORY		
	12	11		16	16		16	15		
UNIVERSITY CORE	XXX/1 Curriculum 1	XXX/1 Curriculum 2		XXX/2 Third Language: Mandarin	UVW312/2 English Technical for Communication		UUV235/2 Ethnic Relation			
	UZW410/2 University Malay Language	UUV233/2 Islamic and Asian Civilization								
	PUW122/2 Skill and Technology and communication	UVW201/2 English For General Communication								
		UUV235/2 Engineering Entrepreneurship								
	5	7		2	2		2			
TOTAL CREDIT PER SEMESTER	17	18		18	18		18	15	6	12
TOTAL CREDIT FOR GRADUATION						122				

CREDIT TRANSFER/EXEMPTION

No Credit exemption is allowed now for DKM/DVM based on MQA upon the temporary accreditation approval.

GENERAL ADMISSION REQUIREMENT

Passed the Sijil Pelajaran Malaysia (SPM) / equivalent with a credit in Bahasa Melayu / Bahasa Malaysia subject or Bahasa Melayu / Bahasa Malaysia credit papers in July and passed in History (SPM 2013 and above) in the SPM examination;

or

Passed the Sijil Vokasional Malaysia (SVM) and earned CERTIFICATE with 3 Sijil Pelajaran Malaysia (SPM) credits as follows:

- i. Malay Language Honors (Code 1104);
- ii. Academic CGPA of at least 2.00;
- iii. Vocational CGPA of at least 2.67;
- iv. Competent all vocational modules; and
- v. Pass the History (History (Code 1251) for candidates for the Sijil Vokasional Malaysia (SVM) cohort 2013 - 2016);

and

Have a Diploma or other equivalent qualification recognized by the Government of Malaysia and approved by the University Senate;

and

Obtained at least Level 1 (Band 1) in Malaysian University English Test (MUET);

Specific Requirement

Passed Diploma Kemahiran Malaysia (DKM) / Diploma Lanjutan Kemahiran Malaysia (DLKM) from the Department of Skills Development (JPK) under the Ministry of Human Resources with a minimum CGPA of 2.00 in the relevant field recognized and approved by the University Senate;

or

Passed a Diploma in Technology from Vocational College under the Ministry of Education Malaysia with a minimum CGPA of 2.00 in the relevant field recognized and approved by the University Senate;

and

Candidates DO NOT have physical disabilities / members to make it difficult to practice;

and

Has graduated / graduated at the Diploma level before the deadline of application;

and

Entry is for Year 1 only without credit exemption.

DOCUMENTS FOR ADMISSION

Documents to be prepared

- Copy of application via online
- Copy of MyKad OR Copy of Birth of Certificate/Surat Akuan Sumpah (if MyKad is lost)
- School Certificate/Surat Akuan
- Employer's Declaration (if any)
- Copy of Diploma Certificate
- Copy of STPM Certificate
- Copy of SPM Certificate
- Copy of all Academic's Transcript
- Copy of MUET Certificate
- Copy of Letter of endorsement graduated
- Copy of Bahasa Melayu / Matematik July (if any)
- Copy of MQA AND MQR proof

CAREER PROSPECT

Graduates in these areas will have the ability to engage in the design, research and development, consultancy, education, manufacturing, entrepreneurship, servicing, maintenance, diagnostic and management specialist in welding industries.