FACULTY OF TECHNICAL AND VOCATIONAL EDUCATION
BACHELOR OF VOCATIONAL EDUCATION (AIR CONDITIONING AND REFRIGERATION) WITH HONOURS

FULL TIME STRUCTURE

Year 1

Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit
	UQI11202	Philosophy and Current Issues	2		UHB10102	English for Higher Education	2		BBD 10500	School Orientation Training - ROS (2w)	0
	UQU10702	Appreciation, Ethics and Civilization	2		UQU10103	Nationhood and Current Development of Malaysia	3				
	UQ* 1XXX1	Co-Curiculum I	1		UQI10102	Islamic Studies	2				
	UQ*1xx02	Foreign Language	2		UQI10202	Moral Studies					
	BBP 10603	Mathematics I	3		UQ* 1XXX1.	Co-Curiculum II	1				
1	BBD 10803	Information Technology in Education	3	2	BBP 10703	Fundamental of Electrical Technology	3				
	BBP 10502	Creativity And Innovation In TVE	2		BBP 10403	Mathematics II	3				
	BBD 10102	Philosophy of Education	2		BBM10103	Material Selection	3				
	BBD 10202	Educational Psychology	2		BBA 10102	Workshop Practice for Refrigeration and Air Conditioning	2				
	Total		**19**		**Total**		**19**		**Total**		**0**

Year 2

Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit
	UHB20102	Essential Academic English	2		UHB30102	English for Technical Purposes	2				
	BBD 10302	Pedagogy	2		BBD20703	Measurement and Evaluation in Education	3				
	BBD 20202	Educational Technology	2		BBD 20802	Technical Vocational Education and Planning	2				
	BBD20603	Education Management	3		BBD 30302	Guidance and Counselling	2				
	BBP 20202	Occupational Safety and Health	2		BBP 20402	Project Management	2				
3	BBP 20203	Engineering Graphics	3	4	BBP 30102	Industrial Design	2				
	BBP40302	Entrepreneurship	2		BBM 20203	Termodynamic	3				
	BBA 20203	Technology of Refrigeration and Air Conditioning	3		BBA 30203	Engineering Drawing Refrigeration and Air Conditioning System	3				
	BBW 20103	Metal Fabrication and Welding Technology									
	Total		**19**		**Total**		**19**		**Total**		**0**

Year 3

Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit
	BBP 30403	Research Methodology in TVE	3		UHB40102	English for Occupational Purposes	2				
	BBP 30103	Laboratory and Workshop Management	3		BBD 30502	Sociology in Education	2				
	BBD 20403	Micro Teaching	3		BBP 40102	Final Year Project 1	2				
	BBD 30402	Educational Data Reasoning	2		BBA 40203	Service and Maintenance Domestic Refrigeration and Air Conditioning S	3				
	BBM 30103	Fluid Mechanic	3		BBM40703	Basic Skill of Welding					
5	BBA 30303	Electric Motor Control	3	6	BBA 40303	Diagnosis and Analysis Refrigeration and Air Conditioning System	3	7			
	BBV 20303	Electrical Wiring and Installation			BBM 30303	Solid Mechanics	3				
	Total		17		**Total**		15				

Year 4

Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit
	BBP 40204	Final Year Project 2	4		BBP40408	Teaching Training	8		BBP 30404	Industrial Training	4
	BBA 40603	Air Conditioning System Design	3								
	BBA40503	Air Conditioning Installation and Maintenance Supervision	3								
	BBA 40403	Service and Maintenance Commercial Refrigeration and Air Conditior	3								
7				8							
	Total		**13**		**Total**		**8**		**Total**		**4**