Curriculum Structure - BERV

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 1	BLHW 1772	Philosophy And Current Issues	W	2	
	BKKX XXX1	Co-Curriculum I	W	1	
	BERW 1075	Introduction To Communication Technology	P	5	
	BERV 1313	Computer Programming	P	3	
	BERW 1033	Circuit Development And Testing	P	3	
	BERV 1115	Digital System	P	5	
TOTAL CREDITS THIS SEMESTER				**19**	
SEMESTER 2	BLLW 1142	English For Academic Purposes	W	2	
	BKKX XXX1	Co-Curriculum II	W	1	
	BERW 1055	System Development And Planning	P	5	
	BERV 1125	Single-Chip Microcomputer And Sensor	P	5	
	BERV 1145	Identification Technology Of Internet Of Things	P	5	
TOTAL CREDITS THIS SEMESTER				**18**	
SPECIAL SEM	BLHW 2722	Malaysian Nation State Aspiration	W	2	
	BERX XXX5	Technology Elective 1	E	5	
TOTAL CREDITS THIS SEMESTER				**7**	

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 3	BERW 2115	Capstone Project 1	P	5	
	BERV 2135	Embedded Interface Technology	K	5	
	BERV 2215	IoT Short-Range Wireless Communication Technology	K	5	
	BERX XXX5	Technology Elective 2	E	5	
TOTAL CREDITS THIS SEMESTER				**20**	
SEMESTER 4	BERW 2125	Capstone Project 2	P	5	BERW 2115
	BERV 2325	Sensor Micro Operating System	K	5	
	BERV 2225	IoT Long-Distance Wireless Communication Technology	K	5	
	BERX XXX5	Technology Elective 3	E	5	
TOTAL CREDITS THIS SEMESTER				**20**	
SPECIAL SEM	BLLW 2152	Academic Writing	W	2	
	BERP 3164	Final Year Project 1	P	4	
TOTAL CREDITS THIS SEMESTER				**6**	

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 5	BLLW 3162	English For Profession Interaction	W	2	
	BTMW 4012	Technology Entrepreneurship	W	2	
	BERP 3176	Final Year Project II	P	6	BERP 3164
	BERV 3415	IoT Project Planning	P	5	
	BERV 3435	IoT System Integration	P	5	
TOTAL CREDITS THIS SEMESTER				**20**	
SEMESTER 6	BERP 32112	Industrial Training	P	12	
TOTAL CREDITS THIS SEMESTER				**12**	
TOTAL CREDITS				**122**	

Credit Hour Structure

Number of credit hours regarding to course category is represented in the following table.

Category	Code	Total Credit
University Compulsory	W	14
Programme	P	36
Course	K	45
Industrial Training	P	12
Elective	E	15
GRAND TOTAL		122

Elective Courses

	CODE	COURSE
Technology Elective 1	BERW 1305	Computer Network
	BERV 3315	Information Security
Technology Elective 2	BERW 1095	Data Communication Technology
	BERW 2815	Packet Transfer Technology
Technology Elective 3	BERW 2835	Wireless Network Planning And Optimization
	BERW 2865	Communication Technology Design, Estimate And Budget