Curriculum Structure – BERL

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 1	BLHW 1772	Philosophy And Current Issues	W	2	
	BTMW 1112	Basic Entrepreneurship	W	2	
	BLLW 1142	English for Academic Purpose	W	2	
	BERL 1112	Technology Skill and Development in Electronic Automation I	P	2	
	BERL 1125	Product Development Technology	P	5	
	BERL 1135	Flexible Manufacturing System I	P	5	
	BERL 1142	Technology System Programming I	P	2	
TOTAL CREDITS THIS SEMESTER				**20**	
SEMESTER 2	BLLW 1XX2	Third Language	W	2	
	BLLW 2152	Academic Writing	W	2	
	BERL 1214	Technology Skill and Development in Electronic Automation II	P	4	BERL 1112
	BERL 1222	Network, Switching and Routing	P	2	
	BERL 1234	Technology System Programming II	P	4	BERL 1142
	BERL 1243	Professional Practices	P	3	
TOTAL CREDITS THIS SEMESTER				**17**	

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 3	BLHW 2722	Malaysian Nation State Aspiration	W	2	
	BKKX XXX1	Co-Curriculum I	W	1	
	BERL 2112	Technology Data Acquisition and Analysis I	P	2	
	BERL 2125	Flexible Manufacturing System II	P	5	BERL 1135
	BERL 2135	Embedded System Programming Tool	P	5	
	BERL 2143	Network Security Implementation	P	3	
TOTAL CREDITS THIS SEMESTER				**18**	
SEMESTER 4	BKKX XXX1	Co-Curriculum II	W	1	
	BERL 2214	Technology Data Acquisition and Analysis II	P	4	BERL 2112
	BERL 2222	Technology System Optimization I	P	2	
	BERL 2232	Application System Development I	P	2	
	BERL 2244	Technology Operation Management	P	4	
	BTMW 2124	Technopreneur Capstone I	P	4	
TOTAL CREDITS THIS SEMESTER				**17**	

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 5	BLLW 3162	English for Professional Interaction	W	2	
	BERL 3114	Technology System Optimization II	P	4	BERL 2222
	BERL 3124	Application System Development II	P	4	BERL 2232
	BERL 3215	System Integration Designing	P	5	
	BTMW 3134	Technopreneur Capstone II	P	4	BTMW 2124
TOTAL CREDITS THIS SEMESTER				**19**	
SEMESTER 6	BERL 3134*	Technology Quality Management	P	4	
	BERL 3225*	Maintenance Management System	P	5	
	BERP 3234*	Final Year Project I	P	4	
TOTAL CREDITS THIS SEMESTER				**13**	
SPECIAL SEM	BERP 3316*	Final Year Project II	P	6	BERP 3234
TOTAL CREDITS THIS SEMESTER				6	
SEMESTER 7	BERP 41112*	Industrial Training	P	12	
TOTAL CREDITS THIS SEMESTER				**12**	
TOTAL CREDITS				**122**	

* Courses that will be implemented as Work Based Learning (WBL)

Credit Hour Structure

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

Category	Code	Total Credit
University Compulsory	W	16
Programme	P	94
Industrial Training	P	12
GRAND TOTAL		122