

GRADUATION CHECKLIST (COURSE COMPLETION)

BACHELOR OF ENGINEERING (HONS) ELECTRICAL ELECTRONICS ENGINEERING

5 Year

Student's name : _____
 Student's ID : _____
 Sex : _____
 IC / Passport : _____
 Date of birth : _____
 Citizenship : _____

Intake : _____
 Exp. Graduate: _____
 Major/Minor Specialisation : _____
 Contact No.: _____
 UTP E-mail add: _____

Course Group	Courses	Equivalent course (if any)	Sem taken	Grade	Req Crh	Act crH
FOUNDATION						
SHB 1032	Analytical Skill and Critical Thinking				2	
SCB 1013	Chemistry I				3	
SCB 1023	Chemistry II				3	
STB 1013	Computer and The Information Age				3	
SLB1013	English I				3	
SLB 1023	English II				3	
SMB 1013	Engineering Mathematics I (Calculus I)				3	
SMB 1023	Engineering Mathematics II (Calculus II)				3	
EGB 1012	Engineering Profession and Communication				2	
STB 2013	Intro. to C++ Programming				3	
SPB 1013	Physics I				3	
SPB 1023	Physics II				3	
EGB 2033	Workshop Practices and Design Project				3	
	Total Credit hour				37	
UNIVERSITY REQUIREMENTS						
SHB 2013	Malaysian Studies				3	
SHB 1013/1023	Islamic Studies/Moral Studies				3	
Co-Curriculum					1	
Co-Curriculum					1	
Co-Curriculum					1	
SLB1043 / LAN1043	Bahasa Kebangsaan B (for International)				3	
	Total Credit hour				12	
CORE						
EEB 2012	Electrical Engineering Lab I				2	
EEB 2023	Circuit Theory				3	
EEB 2033	Digital Electronics I				3	
EEB 3012	Electrical Engineering Lab II				2	
EEB 3013	Analogue Electronics I				3	

EEB 3033	Electrical Engineering Lab III				3	
EEB 3043	Signal & Systems				3	
EEB 3053	Digital Electronics II				3	
EEB 3083	Microprocessor I				3	
EEB 3093	Analogue Electronics II				3	
EEB 4012	Electrical Engineering Lab IV				2	
EEB 4023	Electrical Machines				3	
EEB 4033	Communication Systems				3	
EEB 4043	Control Systems I				3	
EEB 4053	Electromagnetics Theory				3	
EEB 4063	Digital Signal Processing				3	
EEB 5013	Data and Computer Network				3	
EEB 5023	Power Electronics				3	
EEB 5033	Power System and Utilisation				3	
EGB 2013	Introduction to Material Science				3	
EGB 2023	Electrical Technology				3	
EGB 3013	Health, Safety and Environment				3	
EGB 3022	Engineering Team Project				2	
EGB 5012	Engineer in Society				2	
EGB 5023	Engineering Econs. & Entrepreneurship				3	
SMB 2013	Engineering Mathematics III (Diff. Equations)				3	
SMB 2023	Engineering Mathematics IV (Vector Cal.)				3	
SMB 3013	Engineering Mathematics V (Num. Methods)				3	
SMB 3023	Probability and Statistics				3	
EGB 4018	Industrial Training I				8	
EGB 4028	Industrial Training II				8	
EEB 5034	Final Year Design Project I				4	
EEB 5044	Final Year Design Project II				4	
	Total Credit Hour				106	
	SPECIALISATION COURSES					
	INSTRUMENTATION & CONTROL					
EEB 5213	Control Systems Analysis and Design				3	
EEB 5233	Control System II				3	
EEB 5233	Digital Control System				3	
EEB 5263	Power Electronics Control of Drives				3	
EEB 5273	Digital Image Processing				3	
EEB 5303	Microprocessor II				3	
EMB 5253	Automation & Robotics				3	
	COMPUTER SYSTEMS					
EEB 5243	Operating System Principles				3	
EEB 5253	Computer System Architecture				3	

EEB 5293	Web and Multimedia Technology				3	
EEB 5303	Microprocessor II				3	
STB 3023	Computer Graphics				3	
STB 3073	Software Engineering				3	
STB 5013	Computer Vision & Image Development				3	
STB 5023	Virtual Reality				3	
POWER SYSTEMS ENGINEERING						
EAB 4313	Electrical Machines II				3	
EAB 4323	Power Electronics II				3	
EAB 4333	Power Systems II				3	
COMMUNICATION SYSTEMS						
EAB 4513	Communication Systems II				3	
EAB 4523	Microwave Devices & Components				3	
EAB 4533	Wireless (Mobile) Communications				3	
Total Credit Hour						
ELECTIVE						
MANAGEMENT & SOCIAL SCIENCE						
					3	
					3	
					3	
Total Credit Hour						
9						
Overall Credit Hour						
171						

Student signature : _____

Endorsed by : _____

Programme Head & Stamp

Date : _____

FOR OFFICE USE ONLY:

Financial Status : _____ as of _____

Verified & updated : _____

Examination & Record Unit

