

GRADUATION AUDIT CONVO 2016
GRADUATION CHECKLIST (COURSE COMPLETION)
EE400C - BACHELOR OF ENG (HONS) ELECTRICAL ENGINEERING

Major : _____

E-mail :

Minor :

H/P Number :

Course Group	Courses	Grade	Req CrH	Remarks
<u>NATIONAL REQUIREMENT</u>				
MPW2133	Malaysian Studies		3	
MPW2143	Islamic Studies*		3	
MPW2153	Moral Studies*		3	
Co-Q I			1	
Co-Q II			1	
Co-Q III			1	
Co-Q IV			1	
MPW2123	Bahasa Kebangsaan A/B*		3	
HCB2033	Professional Communication Skills		3	
LCB1042	Academic Writing		2	
PCB1012	Introduction to Oil & Gas Industry		2	
	Total Credit hour		20	
<u>SOCIAL SCIENCE / HUMANITIES ELECTIVE (1 course)</u>				
	Total Credit hour		3	
<u>COMMON ENGINEERING</u>				
CCB2012	Health, Safety & Environment		2	
FCM1023	Ordinary Differential Equations		3	
FCM1033	Vector Calculus		3	
FCM2043	Computational Methods		3	
GCB2033	Introduction to Management		3	
GCB3173	Engineering Economics & Entrepreneurship		3	
VCB4043	Engineers in Society		3	
MCB3053	Engineering Team Project		3	
	Total Credit Hour		23	
<u>MAJOR</u>				
ECB1014	Circuit Theory		4	
ECB1053	Digital Electronics I		3	
ECB1063	Structured Programming & Interfacing		3	
ECB1024	Network Analysis		4	
ECB1033	Microelectronic Physics & Devices		3	

COURSE COMPLETION STATUS			
Expected Final Semester Graduation, tick (/)		SEP 2015 ()	
		JAN 2016 ()	
		MAY 2016 ()	
Course Registration SEP 2015			
Course Group	Courses	Credit Hour	Remarks
Total Credit hour			
Course Registration JAN 2016			
Course Group	Courses	Credit Hour	Remarks
Total Credit hour			
Course Registration MAY 2016			
Course Group	Courses	Credit Hour	Remarks
Total Credit hour			

ECB2113	Analogue Electronics I		3	
ECB2123	Signals & Systems		3	
ECB2133	Digital Electronics II		3	
ECB2143	Microprocessor		3	
ECB2153	Analogue Electronics II		3	
ECB2163	Communication Systems		3	
ECB2173	Electromagnetic Theory		3	
EBB2033	Signals & Systems		3	
ECB3113	Digital Signal Processing		3	
ECB3133	Probability and Random Processes		3	
ECB3143	Electrical Energy System		3	
ECB3153	Power Systems I		3	
ECB3163	Power Electronics I		3	
ECB3173	Electrical Machines I		3	
ECB4023	Data & Computer Network		3	
ECB4014	Final Year Project I		4	
ECB4034	Final Year Project II		4	
ICB3037	Industrial Training		7	
ICB3047	Industrial Project		7	
Total Credit Hour			84	

TECHNICAL SPECIALIZATION (to complete any following Set A, B, C, D or E)

A. Communication Systems				
ECB4514	Advanced Communication Systems		4	
ECB4524	Microwave Devices & Components		4	
ECB4534	Wireless Communications		4	
B. Embedded System				
ECB4414	Computer System Architecture		4	
ECB4434	Real-Time Microcontroller Systems		4	
ECB4454	Digital System Design		4	
C. Instrumentation and Control				
ECB4214	Modern Control Engineering		4	
ECB4224	Industrial Automation & Control Systems		4	
ECB4234	Plant Process Control Systems		4	
D. Microelectronics				
ECB4614	Analogue Integrated Circuit Design		4	
ECB4624	VLSI Design		4	
ECB4634	Semiconductor Devices Technology		4	
E. Power System Engineering				
ECB4314	Advance Electrical Machines		4	
ECB4324	Advance Power Electronics		4	
ECB4334	Advance Power Systems		4	

	Total Credit Hour		12	
MINOR IN MANAGEMENT (OPTIONAL - The credit hours will be over and above the graduation)				
GCB1013	Business Accounting		3	
GCB1033	Management & Organizational Behavior		3	
GCB1053	Principles of Marketing		3	
GCB2043	Principles of Finance		3	
GCB3093	Business and Entrepreneurship		3	
	Total Credit Hour		15	
	Overall Credit Hour		142	