

GRADUATION AUDIT CONVO 2016
GRADUATION CHECKLIST (COURSE COMPLETION)
CH400C - BACHELOR OF ENG (HONS) CHEMICAL ENGINEERING

Student's name : _____

Major : _____

E-mail : _____

Student's ID : _____

Minor : _____

H/P Number : _____

Course Group	Courses	Grade	Req CrH	Remarks
NATIONAL REQUIREMENT				
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 III			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	
SOCIAL SCIENCE / HUMANITIES ELECTIVE (1 course)				
			3	
	Total Credit hour		3	
COMMON ENGINEERING				
CCB2012	Health, Safety & Environment		2	
FCM1023	Ordinary Differential Equations		3	
FCM1033	Vector Calculus		3	
FCM2043	Computational Methods		3	
FCM2063	Probability and Statistics		3	
GCB2033	Introduction to Management		3	
GCB3173	Engineering Economics & Entrepreneurship		3	
MCB1012	Introduction to Material Science		2	
MCB3053	Engineering Team Project		3	
TCB2073	Structured Programming & Database System		3	
VCB4043	Engineers in Society		3	
	Total Credit Hour		31	
MAJOR				
CCB1013	Organic Chemistry		3	
CCB1023	Physical Chemistry		3	
CCB1033	Fluid Flow and Transport Processes		3	
CCB1052	Engineering Drawing		2	
CCB1064	Principles of Chemical Engineering		4	

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			

CCB2024	Chemical Eng. Thermodynamics		4	
CCB2033	Heat Transfer Design		3	
CCB2053	Mass Transfer Design		3	
CCB2063	Separation Process		3	
CCB2073	Analytical Chemistry		3	
CCB2092	Unit Operation Lab I		2	
CCB3062	Unit Operation Lab II		2	
CCB3013	Chemical Process Dynamic, Instrumentation & Control		3	
CCB3024	Process Plant Design		4	
CCB3033	Advanced Transport Processes		3	
CCB3043	Kinetics & Reactor Design		3	
CCB3053	Process Safety and Loss Prevention		3	
CCB3072	Process Instrumentation and Control Lab		2	
CCB4013	Plant Design I		3	
CCB4023	Plant Design II		3	
CCB4612	Final Year Project I		2	
CCB4624	Final Year Project II		4	
ICB3037	Industrial Training		7	
ICB3047	Industrial Project		7	
	Total Credit Hour		79	
TECHNICAL SPECIALIZATION (to complete any following Set A, B, C, D or E)				
	A. Industrial Environmental Engineering			
CCB4213	Air Pollution Engineering		3	
CCB4233	Industrial Effluent Engineering		3	
VCB4423	Solid Hazardous Wastes Management		3	
	B. Process Plant Engineering			
CCB4313	Heat Integration		3	
CCB4323	Plant Utility Systems		3	
CCB4333	Process Optimization		3	
	C. Gas and Petrochemical Engineering			
CCB4413	Gas Process Engineering		3	
CCB4423	Polymer Process Engineering		3	
CCB4433	Reactor Design for Petrochemical		3	
	D. Process Analysis and Control			
ECB4224	Industrial Automation and Control System		4	
CCB4523	Multivariable Process Control		3	
CCB4533	Statistical Process Control		3	
	E. Process Plant Safety			
CCB4613	Human Factors for Process Safety		3	
CCB4623	Inherently Safer Design		3	
CCB4633	Technical Management for Process Safety		3	
	Total Credit Hour		9	

MINOR IN MANAGEMENT (OPTIONAL - The credit hours will be over and above the graduation requirements of 135 Credit Hours)				
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	