

Plan of Study

Semester 1		
BTU1113 Physics	3	
BTU1112 Physics Laboratory	2	
BTU1213 Chemistry	3	
BTU1212 Chemistry Laboratory	2	
BUM1113 Technical Mathematics	3	
BTE1113 Electricity and Electronics Fundamentals	3	
BTE1112 Electricity and Electronics Fundamentals Lab	2	
UHL2400 Fundamentals of English Language	0	
UQB1**1	1	
Co-curriculum 1		
Total	19	

Semester 2		
BTE2313 Computer Programming	3	
BUM1223 Calculus	3	
BTE2123 Electrical Fundamentals and Circuit Analysis I	3	
BTE2122 Electrical Fundamentals and Circuit Analysis I Lab	2	
UHL2412 English For Academic Communication	2	
UHM2012 Ethnic Relation	2	
UHR1012 Islamic and Asian Civilizations	2	
Total	17	

Semester 3		
BTM1113 Basic Manufacturing Processes	3	
BUM2113 Applied Mathematics	3	
BTE2133 Electrical Fund. and Circuit Analysis II	3	
BTE2132 Electrical Fundamentals and Circuit Analysis II Lab	2	
UHL2422 English For Technical Communication	2	
UGE2002 Technopreneurship	2	
UHS1011 Soft-skills 1	1	
UHF1111 Mandarin For Beginners	1	
Total	17	

Semester 4		
BTM3314 Computer-Aided Design	4	
BTM3234 Manufacturing Computer Applications	4	
BTE2213 Electronics I	3	
BTE3212 Electronics I Laboratory	2	
UQ*2**1 Co-curriculum 2	1	
UHS2021 Soft-skills 2	1	
UHL2432 English For Professional Communication	2	
Total	17	

Semester 5		
BTE2413 Electrical Power System	3	
BTE3223 Digital Logic Design	3	
BTE3222 Digital Logic Design Laboratory	2	
BTE3243 Electronics II	3	
BTE3242 Electronics II Laboratory	2	
BTE3233 Communication System Design	3	
BTE3232 Communication System Design Lab	2	
UHF2041 Foreign Language II	1	
Total	19	

Semester 6		
BTE3143 Electric Machines and Transformer	3	
BTE3142 Electric Machines and Transformers Lab	2	
BTE3254 Microprocessors and Interfacing	4	
BTE3252 Microprocessors and Interfacing Laboratory	2	
BTE3323 Control Systems	3	
BTE3322 Control Systems Laboratory	2	
BTE3813 Engineering Technology Senior Design Project I	3	
Total	19	

Semester 7		
BTM3343 Computer Integrated Manufacturing	3	
BTM3342 Computer Integrated Manufacturing Lab	2	
BTE4826 Engineering Technology Senior Design Project II	6	
BTE4**3 Elective 1	3	
BTE4**3 Elective 2	3	
BTE4**3 Elective 3	3	
Total	20	

Semester 8		
BTE4919 Industrial Training	9	
BTE4913 Industrial Training Report	3	
Total	12	

TOTAL CREDIT HOURS FOR GRADUATION: 140

Revised March 2015

Completing graduation requirements is solely the responsibility of the student.