

**Plan of Study**

Semester 1		
BTU1113 Physics	3	
BTU1112 Physics Laboratory	2	
BTU1213 Chemistry	3	
BTU1212 Chemistry Laboratory	2	
BUM1113 Technical Mathematics	3	
UHL2400 Fundamentals of English Language	0	
UQB1**1 Co-curriculum 1	1	
UHR1012 Islamic and Asian Civilizations	2	
UHF1111 Foreign Language 1	1	
UHS1011 Soft-skills 1	1	
Total	18	

Semester 2		
BTM1113 Basic Manufacturing Processes	3	
BTM1113 Basic Manufacturing Processes Lab	3	
BUM1223 Calculus	3	
BTM1213 Engineering Mechanics	3	
UQ*2**1 Co-curriculum 2	1	
UHM2012 Ethnic Relation	2	
UHF2041 Foreign Language II	1	
UHL2412 English For Academic Communication	2	
Total	18	

Semester 3		
BTE1113 Electrical Fund. and Circuit Analysis II	3	
BTE1112 Electrical Fundamentals and Circuit Analysis II Lab	2	
BTM2424 Strength of Material	4	
BUM2113 Applied Mathematic	3	
BTM2413 Properties of Material	3	
UHS2011 Soft-skills 2	1	
UHL2432 English For Technical Communication	2	
Total	18	

Semester 4		
BTM2223 Engineering Dynamics	3	
BUM2423 Statistics with Technology	3	
BTM2124 Machine Production Process	4	
BTM2314 Computer Aided Design	4	
BTM3433 Engineering Economy	3	
UHL2432 English For Professional Communication	2	
Total	19	

Semester 5		
BTM3324 Computer Aided Modelling	4	
BTM3234 Manufacturing Computer Application	4	
BTM1234 Fluid Power Technology	4	
BTM3343 Computer Intergrated Manufacturing	3	
BTM3342 Computer Intergrated Manufacturing Lab	2	
UGE2002 Technopreneuership	2	
Total	19	

Semester 6		
BTM3813 Engineering Technology Senior Design Project I	3	
BTM3234 Manufacturing Component Design	4	
BTM3523 Programmable Logic Controllers	3	
BTM3363 Numerical Control Systems	3	
BTM3413 Industrial Quality Control	3	
BTM3083 Facilities Management	3	
Total	19	

Semester 7		
BTM4514 Automated Manufacturing System	4	
BTM4826 Engineering Technology Senior Design Project II	6	
BTM4**3 Elective 1	3	
BTM4**3 Elective 2	3	
BTM4**3 Elective 3	3	
Total	19	

Semester 8		
BTM4919 Industrial Training	9	
BTM4913 Industrial Training Report	3	
Total	12	

TOTAL CREDIT HOURS FOR GRADUATION: 142

Revised March 2015

Completing graduation requirements is solely the responsibility of the student.