



**University of Technology, Jamaica
Module Selection Guide
Building and Land Management**



**Bachelor of Engineering in Construction
Engineering
Class of 2016**

Student's Name:

Student's ID #:

Start Date: August 2011

Name - Academic Advisor/PL/PD:

Note to Faculty: *Please complete this form for each course of study offered. Where the student may specialize, complete one form showing core courses and related elective rules for each possible major/Minor option .*

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Results
Semester 5				
MAN3004	Management Principles & Economics		4	
RES3001	Research Methodologies	54 Credits	3	
MEE3003	Fluid Mechanics	MAT2018 (T)	3	
MEE2017	Thermal Fluid Science Lab 1	MAT2018 (T)	2	
COE3010	Theory of Structures	COE2007 (P) COE2002 COT2003	4	
COE2015	Measurement & Estimating 1	COE1012 (P) or Equivalent	2	
COE3003	Soil Mechanics	COE1002 (T)	2	
COE3026	Structures 3A- Design and Detailing	COE2002 (T) or COE2007 (T)	3	
COE3XX X	Computer Aided Design and Drafting	COE1005 (P)	3	
Semester 6				
ENT3001	Entrepreneurship		3	
CIE3001	Civil Engineering 1	COE2019 (P) or COE3002 (P) or COE2008 (P) or COT2008 (P) & COT2009 (P)	1	
COE3004	Structures 3B- Design and Detailing	COE3026 (T)	3	
COE3005	Services Engineering	COE2019 (P) or COE3002 (P) or COE2008 (P) or COT2008 (P) & COT2009 (P)	2	
COE3006	Construction Laboratory	COE1002 (T)	2	
Summer Session				
MEE2017	Thermal Fluid Science Lab 1	MAT2018 (T)	2	

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Results
Semester 7				
COE4001	Structures 4	COE3010 (P)	3	
COE4002	Site Monitoring		1	
COE4003	Construction 3	COE2019 (T) or COE3002 (T)	4	
COE4006	Construction Management	COE2019 (T) or Equivalent	2	
COE4015	Professional Practice		2	
Semester 8				
CIE4001	Civil Engineering 2	CIE3001 (T)	2	
COE4005	Structures 5 (Design & Detailing)	COE3004 (P) COE3026 (P)	3	
ENE4001	Environmental Engineering	COE1002 (P) & COE3003	2	
PRJ4017	Final Project	RES3001	3	
Electives				
UNE	University Elective		3	
UNE	Faculty Elective		3	

F. Y. I.

- Information on prerequisites
✓
- Information on electives
✓
- Other information

Remember your Academic Advisor is here to support you in making your academic decisions!

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 1				
COM1020	Academic Writing 1	COM0001 (P)	3	
MAT2018	B Engineering Mathematics 1	A Level/CAPE/PCS Mathematics	3	
CSP1001	Community Service Project		1	
PSY1002	Introduction to Psychology		3	
PHS1005	Engineering Physics 1	A Level/ PCS Physics	4	
CMP1003	Computers in Engineering	CXC Math	4	
COT1012	Materials Laboratory 1		2	
COE1004	Construction Drawing		3	
COE1010	Introduction to Material Science	COT1012	2	
COT1010	Structural Mechanics	A Level/CAPE/PCS Mathematics or MAT2018 (T) or MAT1032 (T)	3	
Semester 2				
COM1020	Academic Writing 1	COM0001 (P)	3	
MAT2018	B Engineering Mathematics 1	A Level/CAPE/PCS Mathematics	3	
CSP1001	Community Service Project		1	
MAT2022	B Engineering Mathematics 2	MAT2018 (T)	3	
SCT2001	Science & Technology		2	
CHY2021	General Chemistry 1	CXC/ PCS Chemistry	3	
CHY2022	General Chemistry Laboratory 1	CXC/ PCS Chemistry	1	
COT1010	Structural Mechanics	A Level/CAPE/PCS Mathematics or MAT2018 (T) or MAT1032 (T)	3	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Summer Session				
COM1020	Academic Writing 1	COM0001 (P)	3	
MAT2018	B Engineering Mathematics 1	A Level/CAPE/PCS Mathematics	3	
MAT2022	B Engineering Mathematics 2	MAT2018 (T)	3	
Semester 3				
COM2014	Academic Writing 2	COM1020 (P)	3	
MAT3004	B Engineering Mathematics 3	MAT2018 (P) MAT2022 (T)	3	
COE1012	Introduction Construction Methods		2	
COE2007	Structures 1	MEE1001 (P) or COE1003 (P) or COT1010 (P)	3	
COE2014	Site Surveying	MAT2018 (P)	3	
COE1005	Introduction to Computer Aided Design and Drafting	COE1004 (P)	3	
Semester 4				
COM2014	Academic Writing 2	COM1020 (P)	3	
MAT3004	B Engineering Mathematics 3	MAT2018 (P) MAT2022 (T)	3	
ENG2002	Thermodynamics 1	MAT2018 (P) or PHS1005 (P)	4	
STA2023	Engineering Statistics	MAT2018 (P)	3	
ENG2016	Engineer in Society		3	
COT2011	Materials Laboratory 2	COT1012 (P)	2	
COE2019	Construction Methods	COE1012 (T)	3	
COE1002	Engineering Geology	COT1012 (T)	3	
COE1005	Introduction to Computer Aided Design and Drafting	COE1004 (P)	3	
Summer Session				
COM20140	Academic Writing 2	COM1020 (P)	3	