

Module Code	Module Name	Prerequisite / Co-requisite (if any)	CREDITS	Ownership of Module
Level/Year 3 - Semester 2				
ENT3001	Entrepreneurship		3	JDSEEL
CIE3001 CORE	Civil Engineering 1	COE2019 (P)	3	FOBE
COE3004 CORE	Structures 3B- Design and Detailing	COE3026 (T)	3	FOBE
COE3005 CORE	Services Engineering	COE2019 (P)	2	FOBE
COT3011 CORE	Materials Laboratory 3	COT2011(P)	2	FOBE
COE3031 CORE	Construction Methods & Systems*	COE2019 (P) COE3002 (P) COE2008 (P) COT2008 (P) COT2009 (P)	3	FOBE
<i>Selected by student</i>	Faculty/School Elective* (<i>URP4014 or URP4015 are recommended</i>)		3	FOBE
			19	
Level/Year 4 - Semester 1				
<i>Selected by student</i>	University Elective*		3	UNIVERSITY
COE4001 CORE	Structures 4	COE3010 (P)	3	FOBE
COE4002 CORE	Site Monitoring	COE2019 (P) COE3031 (P) COE2007 (P)	1	FOBE
COE4006 CORE	Construction Management	COE2019 (P)	2	FOBE
COE4015 CORE	Professional Practice		2	FOBE
			11	
Level/Year 4 - Semester 2				
CIE4001 CORE	Civil Engineering 2	CIE3001 (T)	2	FOBE
COE4005 CORE	Structures 5 (Design & Detailing)	COE3004 (P) COE3026 (P)	3	FOBE
ENE4001 CORE	Environmental Engineering	COE1002 (P) COE3003 (P)	2	FOBE
PRJ4017 CORE	Final Project	RES3001	3	FOBE
			10	

TOTAL CREDITS: One hundred and thirty-seven (137)

* Module offered in SEM1 and SEM2

** Module offered in SEM2, & SUMMER

*** Module offered in SEM1, SEM2 & SUMMER



University of Technology, Jamaica
Faculty of the Built Environment
 School of Building & Land Management
 Construction Engineering and Quantity
 Surveying Division



Bachelor of Engineering in Construction Engineering
UBECOENFX

Module Selection Guide 2024/25

Student's Name: _____

Student ID#: _____

Start Date: _____

Advisor/PD: _____

CONTACT

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NOTE: This guide is subject to change. Consult your Division/Academic Advisor when making module selections.

Module Code	Module Name	Prerequisite / Co-requisite (if any)	CREDITS	Ownership of Module
Level/Year 1 - Semester 1				
COM0001	Developmental English*** (if required)			FELS
COM1024	Academic Literacy for Undergraduates***	COM0001	3	FELS
MAT2018	B Engineering Mathematics 1***	A Level/CAP E/ PCS Maths	3	FOSS
PSY1002	Introduction to Psychology		3	FELS
PHS1005	Engineering Physics 1	A Level/CAPE/ PCS Physics	4	FENC
CMP1003	Computers in Engineering		4	FENC
COE1010 CORE	Introduction to Material Science*	Corequisite COT1012	2	FOBE
COT1012 CORE	Materials Laboratory 1	Corequisite COE1010	2	FOBE
			21	
Level/Year 1 - Semester 2				
MAT2022	B Engineering Mathematics 2**	MAT2018 (I)	3	FOSS
CSP1001	Community Service Project*		1	FELS
SCT2001	Science & Technology		2	FENC
CHY2021	General Chemistry 1	CXC/PCS Chemistry	3	FENC
CHY2022	General Chemistry Laboratory	CXC/PCS Chemistry	1	FENC
COE1004 CORE	Construction Drawing*		3	FOBE
COT1010 CORE	Structural Mechanics*	MAT2018 (I) or MAT1032 (I)	3	FOBE
COE1012 CORE	Introduction to Construction Methods*		2	FOBE
			18	

* Module offered in SEM1 and SEM2
 ** Module offered in SEM2, & SUMMER
 *** Module offered in SEM1, SEM2 & SUMMER

Module Code	Module Name	Prerequisite / Co-requisite (if any)	CREDITS	Ownership of Module
Level/Year 2 - Semester 1				
COM2016	Critical Thinking, Reading and Writing ***	COM1024	3	FELS
MAT3004	B Engineering Mathematics 3*	MAT2018 (P) MAT2022 (I)	3	FOSS
MEE3003	Fluid Mechanics	MAT2018 (I)	3	FENC
MEE2017	Thermal Fluid Science Lab 1 (also offered in Sum Semester)	MAT2018 (I)	2	FENC
COE1005 CORE	Introduction to Computer Aided Design and Drafting*	COE1004 (P)	3	FOBE
COE2014 CORE	Site Surveying	MAT2018 (P)	3	FOBE
COE2007 CORE	Structures 1*	COT1010 (P)	3	FOBE
			20	
Level/Year 2 - Semester 2				
ENG2002	Thermodynamics 1	MAT2018 (P)/ PHS1005 (P)	3	FENC
STA2023	Engineering Statistics	MAT2018 (P)	3	FENC
ENG2016	Engineer in Society (or HUM3003 OR HUM3016)		3	FENC
COE1002 CORE	Engineering Geology	COT1012 (I)	3	FOBE
COT2011 CORE	Materials Laboratory 2	COT1012 (P)	2	FOBE
COE2019 CORE	Construction Methods*	COE1012 (I)	3	FOBE
			17	
Level/Year 3 - Semester 1				
MAN3004	Management Principle & Economics (or MAN1007 + ECO1004)		4	SOBA
RES3001	Research Methodologies		3	FELS
COE3010 CORE	Theory of Structures	COE2007 (P)	4	FOBE
COE2015 CORE	Measurement & Estimating 1	COE1012	2	FOBE
COE3003 CORE	Soil Mechanics	COE1002 COT2011	2	FOBE
COE3026 CORE	Structures 3A- Design and Detailing	COE2007 (I)	3	FOBE
COE3034 CORE	Computer Aided Design and Drafting	COE1005 (P)	3	FOBE
			21	