

MORE INFORMATION

The information in this guide is subject to change. Please contact the Programme Office and your Academic Advisor for information.

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University of Technology, Jamaica

Construction Engineering Division

School of Building and Land Management

Faculty of the Built Environment

Diploma in Structural Engineering

UDPSTENFX

Module Selection Guide

2020/21

Class of 2023



Student Name: _____

Student ID#: _____

Start Date: _____

Advisor/PD: _____

LEVEL	S1	S2	S3	MODULE CODE	MODULE TITLE	CREDITS	PREREQUISITE MODULE CODE(S) (P – Pass; T- Taking)	EQUIVALENT MODULE CODE(S)
					LEVEL 1 General Education			
	√	√	√	COM0001	Developmental English	-		
1	√	√	√	COM1020	Academic Writing 1	3		
1	√	√		CSP1001	Community Service Project	1		
1	√	√		INT1001	Information Technology	3		
1	√	√		MAT1032	Engineering Mathematics 1	3	CSEC Mathematics	MAT1027
1		√	√	MAT1033	Engineering Mathematics 11	3	MAT1032 (P)	MAT1037
					LEVEL 1 Core			
1		√		COE1009	Workshop	1		
1	√	√		COE1004	Construction Drawing	3	None	
1	√	√		COE1010	Introduction to Material Science	2	None	COE1006, COT1016
1	√			COT1012	Materials Laboratory 1	2	None	COT1020& COT1021 , COT1017
1	√	√		COT1010	Structural Mechanics	3	MAT2018(T) or MAT1032(T)	MEE1001 , MEE2002 , COE1003 COT2003 (CVE)
1	√	√		COE1012	Introduction to Construction Methods	2	None	COE2001, COT1013 & COT1014, COT1008 & COT1009
1		√		COE1005	Introduction to Computer Aided Design and Drafting	3	COE1004 (P)	
					LEVEL 2 General Education			
2	√			MAT2008	Mathematics for Construction Technology 2	4	MAT1032 (P) MAT1033 (T)	
2	√	√	√	COM2014	Academic Writing 2	3		
2	√	√		LAW2004	Law	2		LAW3006
					LEVEL 2 Core			
2	√			COE3034	Computer Aided Design and Drafting	3	COE1005 (P)	CMP2000 CMP3002
2	√			QUS3003	Estimating	3	COT1019, COT1008 & COT1009, COT1013 & COT 1014, COT2002, COE1012	COE2004 , COE3007

LEVEL	S1	S2	S3	MODULE CODE	MODULE TITLE	CREDITS	PREREQUISITE MODULE CODE(S) (P – Pass; T- Taking)	EQUIVALENT MODULE CODE(S)
2	√			QUS1001	Measurements of Building Works 1	3	COT1019, & COT1009, COT1013 & COT1014, COT2002 or COE1012	COE2006
2	√			COE2021	Material Science	2	COE1010	COE2009
2	√	√		COE2007	Structures 1	3	MEE1001 COE1003 COT1010	COE2002
2		√		COE2018	Building Services	3	COE1012(P), or COT1019	ARC2008, QUS2002
2	√	√		COE2019	Construction Methods	3	COE1012 (T)	COE3002, COE2008, COT2008&COT2009
2		√		COE2020	Construction Administration for the Built Environment	3	COE1012 (T)	COE2010, BUE1001
2		√		COT2011	Materials Laboratory 2	2	COT1012(P)	
2		√		SGI1014	Introduction to Land Surveying	3		COE2003 COT3014
					LEVEL 3 General Education			
3		√		MAT3014	Mathematics 3B	3	MAT1032, MAT1033	
3	√			MAT3011	Engineering Mathematics 5	3	MAT2008 (T)	
3	√			ENT3001	Entrepreneurship	3		
3	√			RES3015	Research Studies	3	RES3001	
					LEVEL 1 Core			
3	√			COE3010	Theory of Structures	3	COE2007(P) COE2002 COT2003	COE3001
3	√			COE3003	Soil Mechanics	2	COE1002 (T) or MAT 1033 (T)	COE3012
3	√	√		COE3031	Construction Methods & Systems	3	COE2019 (P), COE3002 (P), COE2008 (P), COT2008 (P) & COT2009 (P)	COE4003, COE3022 or COT3003
3	√			COE3026	Structures 3A - Design and Detailing	3	COE2002 (T) or COE2007 (T)	
3		√		COE3004	Structures 3B - Design and Detailing	3	COE3026 (T)	
3		√		COE3008	Site Surveying	4	SGI1014 (P)	
3		√		CIE3001	Civil Engineering 1	3	COE2019 (P) or COE3002 (P) or COE2008 (P) or COT 2008 (P) & COT2009 (P)	COE3023, COT3003 & COT3015
3	√	√		COE3033	Construction Project Monitoring	2	COE2019 (P) & COE3031	PRJ3002