

Module Code	Module Name	Pre-requisite/ Co-requisite (if any)	CREDIT VALUE	Results
YEAR 4 – Semester 1 (17 Credits)				
CVE4002	Sustainability and Engineering	CVE3007 (P) CVE3005 (T)	3	
CVE4006	Construction Project Management	Complete Level 2	3	
ENG4010	Industrial Work Experience	None	2	
ENG4016	Management for Engineers	Complete Level 2	3	
PRJ4029	Major Project - Research	Complete Level 3	3	
-----	University Elective	None	3	
YEAR 4 – Semester 2 (15 Credits)				
CVE4003	Foundation Engineering	CVE3008 (P) CVE3009 (P) CVE3003 (P)	3	
CVE4004	Advanced Structural Analysis	CVE2001 (P)	3	
CVE4007	Construction Materials, Equipment & Heavy Construction Methods	CVE4006 (P)	3	
HUM3016	Introduction to Business & Professional Ethics	None	3	
PRJ4030	Major Project - Design	Complete Level 3	3	

LEVEL 4

F. Y. I.:

Updated: March, 2023

Total Number of Credits → 133

Each student is assigned a respective Academic Advisor for the purpose of aiding the navigation of your academic journey throughout your studies...

REMEMBER – your Academic Advisor is here to assist YOU in making academic decisions & employing the best strategy towards your success.



University of Technology, Jamaica Module Selection Guide

School of Engineering



B. Eng. in Civil Engineering
Specialization: Structures, Construction & Environmental Engineering

Class of 2027

Student's Name:

Student's ID #:

➤ Start Date: August, 2023

Academic Advisor's Name:

To be awarded the *B. Eng. in Civil Engineering*, students must complete **133 Credits** (inclusive of 3 Credits from one University Elective as specified).

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Mr. Robert Bailey (Admin. Assistant) – Ext.: **3688**

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Module Code	Module Name	Pre-requisite/ Co-requisite (if any)	CREDIT VALUE	Results		
YEAR 1 – Semester 1 (19 Credits)						
CMP1003	Computers in Engineering	CSEC Math	4		LEVEL 1	
COM1024	Academic Literacy for Undergraduates	COM0001 (P)	3			
CSP1001	Community Service Project	None	1			
ENG1009	Engineering Tools	A-Level/CAPE/ PCS Physics	3			
LIB1001	Library Fundamentals	None	1			
MAT2018	B Engineering Mathematics 1	A-Level/CAPE/ PCS Math	3			
PHS1005	Engineering Physics 1	A-Level/CAPE/ PCS Physics	4			
YEAR 1 – Semester 2 (16 Credits)						
CHY2021	General Chemistry I	CSEC Math	3			
CHY2022	General Chemistry Laboratory I	CSEC Math	1			
COE1005	Introduction to Computer Aided Design and Drafting	CMP1003	3			
CVE1002	Land Surveying	MAT2018	3			
ENG2008	Engineering Statics	A-Level/CAPE/ PCS Physics	3			
MAT2022	B Engineering Mathematics 2	A-Level/CAPE/ PCS Math	3			
YEAR 2 – Semester 1 (18 Credits)						
COM2017	Essentials of Technical Writing	COM1024 (P)	3			LEVEL 2
ENG1006	Engineering Seminar	None	1			
MAT3004	B Engineering Mathematics 3	A-Level/CAPE/ PCS Math	3			
MEE2002	Engineering Dynamics	ENG2008 (T)	3			
MEE2003	Material Science	None	3			
MEE2004	Mechanics of Solids	ENG2008 (P) MEE2002 (T)	3			
MEE2018	Engineering Mechanics Lab 1	A-Level/CAPE PCS Physics	2			

	Module Code	Module Name	Pre-requisite/ Co-requisite (if any)	CREDIT VALUE	Results
	YEAR 2 – Semester 2 (15 Credits)				
LEVEL 2	CVE2000	Introduction to Civil Engineering	None	1	
	CVE2001	Structural Analysis	ENG2008 (P) MEE2002 (P) MEE2004 (P)	3	
	CVE2003	Civil Engineering Materials	CHY2021 (P) PHS1005 (T)	3	
	CVE2005	Engineering Geology	None	2	
	ELE2210	Electrical Technology	A-Level/CAPE/ PCS Physics	3	
	STA2023	Engineering Statistics	MAT2018 (P)	3	
	YEAR 3 – Semester 1 (18 Credits)				
LEVEL 3	CVE2004	Mechanics of Soils	ENG2008 (P) MEE2002 (P)	3	
	CVE3004	Transportation Engineering	ENG2008 (P) MEE2002 (P) STA2023 (P) CVE2003 (T) MAT3004(T)	3	
	CVE3005	Introduction to Construction Engineering	CVE2003 (P) CVE2004 (P)	3	
	CVE3007	Environmental Engineering	MEE3003 (P)	3	
	CVE3008	Structural Design 1	CVE2001 (P)	3	
	MEE3003	Fluid Mechanics	MAT2018	3	
	YEAR 3 – Semester 2 (15 Credits)				
	CVE3003	Geotechnical Engineering	CVE2004 (P)	3	
	CVE3006	Computer Aided Design II	COE1005 (P) CVE1002 (P) CVE3003 (T) CVE3004 (T) CVE3007 (T)	3	
	CVE3009	Structural Design 2	CVE2001 (P)	3	
	CVE4001	Water Resources	CVE3007 (P)	3	
	ENT3001	Entrepreneurship	None	3	