

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	
CVE4004	Advanced Structural Analysis	CVE2001 (P)	3	
CVE4006	Construction Project Management	Complete Level 2	3	
ENG4010	Industrial Work Experience	<i>None</i>	2	
ENG4016	Management for Engineers	Complete Level 2	3	
PRJ4029	Major Project - Research	Complete Level 3	3	
YEAR 4 – Semester 2 (15 Credits)				
-----	University Elective	<i>None</i>	3	
CVE4003	Foundation Engineering	CVE3008 (P) CVE3009 (P) CVE3003 (P)	3	
CVE4007	Construction Materials, Equipment & Heavy Construction Methods	CVE4006 (P)	3	
HUM3016	Introduction to Business & Professional Ethics	<i>None</i>	3	
PRJ4030	Major Project - Design	Complete Level 3	3	

LEVEL 4

E. 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 28, 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).

Contact Info: **Mr. Damian Cummings** (Programme Director) – Ext.: **3689**
Mr. David Allen (Programme Leader) – Ext.: **3664**
Mr. Robert Bailey (Admin. Assistant) – Ext.: **3688**

▶ civildept@utech.edu.jm ◀

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	
COM1024	Academic Literacy for Undergraduates	COM0001 (P)	3	
CSP1001	Community Service Project	<i>None</i>	1	
ENG1009	Engineering Tools	A-Level/CAPE/ PCS Physics	3	
LIB1001	Library Fundamentals	<i>None</i>	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	
ENG1006	Engineering Seminar	<i>None</i>	1	
MAT3004	B Engineering Mathematics 3	A-Level/CAPE/ PCS Math	3	
MEE2002	Engineering Dynamics	ENG2008 (T)	3	
MEE2003	Material Science	<i>None</i>	3	
MEE2004	Mechanics of Solids	ENG2008 (P) MEE2002 (T)	3	
MEE2018	Engineering Mechanics Lab 1	A-Level/CAPE PCS Physics	2	

LEVEL 1

LEVEL 2

Module Code	Module Name	Pre-requisite/ Co-requisite (if any)	CREDIT VALUE	Results
YEAR 2 – Semester 2 (15 Credits)				
CVE2000	Introduction to Civil Engineering	<i>None</i>	1	
CVE2001	Structural Analysis	ENG2008 (P) MEE2002 (P) MEE2004 (P)	3	
CVE2003	Civil Engineering Materials	CHY2021 (P) PHS1005 (T)	3	
CVE2005	Engineering Geology	<i>None</i>	2	
ELE2210	Electrical Technology	A-Level/CAPE/ PCS Physics	3	
STA2023	Engineering Statistics	MAT2018 (P)	3	
YEAR 3 – Semester 1 (18 Credits)				
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	<i>None</i>	3	

LEVEL 2

LEVEL 3