

Module Code	Module Name	Prerequisite /Co - prerequisite (if any)	CREDITS	Results
Semester 7				
ENG4010	Industrial Work Experience	NONE	2	
CVE4002	Sustainability Engineering	Environmental Engineering(P) Intro to Construction (T)	3	
ENG4016	Management for Engineers	Year 2 modules	3	
CVExxxx	Engineering Emphasis Elective 1	Year 2 modules	3	
	University Elective		3	
PRJ4023	Major Project-Research	Year 3 modules	3	
Semester 8				
CVExxxx	Engineering Emphasis Elective 2	Year 2 modules	3	
CVExxxx	Engineering Emphasis Elective 3	Year 2 modules	3	
HUM3016	Social Science/Humanities Elective (Introduction to Business and Professional Ethics)		3	
PRJ4023	Major Project -Design	Year 3 module	3	

F. Y. I.

- **Please speak to your Programme Director/Academic Advisor about electives and to confirm whether there are module changes.**
- **Remember your Academic Advisor is here to assist you in making your academic decisions!**
- **Check the student portal to identify your academic advisor.**



University of Technology, Jamaica
School of Engineering

Module Selection Guide



BEng. Civil Engineering **Specialization: Structures, Construction,** **Environmental**

Student's Name:

Student's Id #:

Start Date:

Name - Academic Advisor/PL/PD:

To be awarded the B.Eng Degree in Civil Engineering, students must complete 130 credits including 12 credits from electives offering.

Contact Info: Nicolas McMorris, *Programme Director* 970-5514
 Kareen Artwell, *Administrative Assistant* 970-5514

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Results
Semester 1				
CMP1003	Computers in Engineering	CXC Maths	4	
COM1020	Academic Writing 1	COM0001 (P)	3	
CSP1001	Community Service Project	NONE	1	
MAT2018	B Eng. Maths 1-Calculus1	A Level/CAPE/ PCS Mathematics	3	
PHS1005	Engineering Physics 1	A Level/CAPE/ PCS Physics	4	
ENG1009	Engineering Tools	A Level/CAPE/ PCS Physics	3	
LIB1001	Library Fundamentals	NONE	1	
Semester 2				
ENG2008	Engineering Statics	A Level/CAPE/ PCS Physics	3	
CHY2021	General Chemistry I	CXC Maths	3	
CHY2022	General Chemistry 2	CXC Maths	1	
CVE1002	Land Surveying	MAT2018	3	
CVE1000	CAD 1	NONE	3	
MAT2022	B Eng. Maths2 (Calculus 2)	A Level/CAPE/ PCS Maths	3	
Semester 3				
MAT3004	B Eng. Maths 3-Differentials Equations & Applications	A Level/ CAPE/PCS Maths	3	
ENG1006	Engineering Seminar	NONE	1	
COM2014	Academic Writing 2	COM1020	3	
MEE2004	Mechanics of Solids	ENG2008/ Statics & Dynamics	3	
MEE2018	Engineering Mechanics Lab. 1	A Level/CAPE PCS Physics	2	
MEE2003	Material Science	NONE	3	
MEE2002	Engineering Dynamics	ENG2008 (T)	3	

Module Code	Module Name	Prerequisite /Co- requisite (if any)	CREDITS	Results
Semester 4				
CVE2000	Introduction to Civil Engineering	NONE	1	
CVE2003	Civil Engineering Materials	PHS1005 (T) CHY2021 (P)	3	
CVE2001	Structural Analysis	MEE2004 (P) ENG2008(P) Statics & Dynamics (P)	3	
ELE2210	Electrical Technology	A Level/ CAPE/PCS Physics	3	
CVE2005	Engineering Geology		2	
STA2023	Engineering Statistics	NONE	3	
Semester 5				
MEE3003	Fluid Mechanics	MAT 2018	3	
CVE3008	Structural Design 1	CVE2001 (P)	3	
CVE2004	Mechanics of Soils	ENG2008 (P)/ Statics & Dynamics (P)	3	
CVE3004	Transportation Engineering	STA2002 (P) CVE2003 (T) MAT3004(T) ENG2008 (P) /Statics & Dynamics (P)	3	
CVE3005	Introduction to Construction Engineering	CVE2003 (P) CVE2004 (P)	3	
Semester 6				
CVE3009	Structural Design 2	CVE2001 (P)	3	
CVE3007	Environmental Engineering	Fluid Mechanics & Thermodynamics (P)	3	
CVE3006	Computer Aided Design II	CAD I (P) Trans. Eng. (T) Geotech. Eng. (T) Environ. Eng. (T) Land Survey (P)	3	
CVE4001	Water Resources	CVE3007 (P)	3	
CVE3003	Geotechnical Engineering	CVE2004 (P)	3	
ENT3001	Entrepreneurship	NONE	3	