

Semester 1, 2023 (27 February-16 June)

No.	Unit Code	Unit Name
School of Engineering & Science		
1	ENG10001	Engineering, Design and Innovation
2	ENG10002	Engineering Materials
3	ENG10003	Mechanics of Structures
4	ENG10004	Digital and Data Systems
5	MTH10012	Calculus and Applications
6	MTH10013	Linear Algebra and Applications
7	PHY10001	Energy and Motion
8	PHY10004	Electronics and Electromagnetism
9	CVE20002	Computer Aided Engineering Civil
10	EEE20001	Digital Electronics Design
11	EEE20003	Embedded Microcontrollers
12	MEE20003	Fluid Mechanics 1
13	MEE20004	Structural Mechanics
14	MME30001	Engineering Management 1
15	MME40001	Engineering Management 2
16	MTH20010	Mathematics 3A
17	MTH20011	Mathematics 4A
18	MTH20014	Mathematics 3B
19	ENG40001	Final Year Research Project 1
20	ENG40002	Final Year Research Project 2
21	ENG40003	Final Year Research Project 1 (Eng/Bus)
22	ENG40004	Final Year Research Project 2 (Eng/Bus)

23	CVE20001	Topographical Engineering
24	CVE20004	Geomechanics
25	CVE30001	Urban Water Resources
26	CVE30002	Design of Steel Structures
27	CVE30003	Transport Engineering
28	CVE40002	Structural Design of Low Rise Buildings
29	CVE80019	Structural Dynamics and Earthquake Engineering
30	EEE20002	Circuits and Systems
31	EEE20006	Circuits and Electronics 1
32	EEE30001	Analogue Electronics 2
33	EEE30002	Electrical Power Systems
34	EEE40002	Integrated Circuit Design
35	EEE80007	Electrical Power Systems Safety
36	EEE80015	Renewable Energy
37	MEE20001	Thermodynamics
38	MEE20002	Computer Aided Engineering Mechanical
39	MEE30001	Materials and Manufacturing 2
40	MEE30002	Control Engineering
41	MEE30003	Machine Design
42	MEE40003	Machine Dynamics 2
43	MEE40050	Introduction to Building Services Engineering
44	PHY40001	Electromagnetic Waves
45	RME30002	Control and Automation
46	RME40003	Robot System Design
47	MEE40050	Introduction to Building Services Engineering

48	PHY40001	Electromagnetic Waves
49	RME30002	Control and Automation
50	RME40003	Robot System Design
51	COS10009	Introduction to Programming
52	COS10025	Technology in an Indigenous Context Project
53	CSM80003	Construction Law
54	RSK80004	Introduction to Risk and Due Diligence
55	CSM80006	Engineering Project Management
56	MME80003	Maintenance Management of Engineering Assets
57	EAT40003	Final Year Research Project 1 (ENG/CS)
58	QSB10001	Introduction to Construction
59	QSB10002	Introduction to Building Services
60	QSB10003	Construction Economics
61	QSB10013	Cost Estimating
62	CEE40002	Process Plant Design 1
63	CEE40004	Process Plant Design 2
64	CEE20001	Introduction to Chemical Engineering Design
65	CEE20005	Engineering Chemistry
66	CEE30002	Reaction Engineering
67	CEE30004	Process Heat Transfer
68	CEE30006	Process Modelling and Optimisation
69	CEE30007	Process Control & Measurements
70	CEE30008	Environmental Engineering
71	BCH20002	Introduction to Biochemistry
72	BCH30003	Advanced Biochemistry

73	BIO10001	Concepts of Biology
74	BIO20002	The Microbial World
75	CHE10001	Chemistry 1
76	ENV30001	Environmental Biology
77	BIO20006	Industrial Microbiology
78	BIO30010	Natural Products
79	NPS30004	Grand Challenges in Science
80	PEH20002	Food Science
81	STA10003	Foundations of Statistics
82	BIO30009	Applications of Bioinformatics
83	ENV30003	Environmental Management
School of Information and Communication Technologies		
84	COS20019	CLOUD COMPUTING ARCHITECTURE
85	TNE10005	NETWORK ADMINISTRATION
86	SWE40002	SOFTWARE ENGINEERING PROJECT-B
87	COS30043	INTERFACE DESIGN AND DEVELOPMENT
88	COS20001	USER CENTRED DESIGN
89	SWE20001	MANAGING SOFTWARE PROJECTS
90	COS20007	OBJECT ORIENTED PROGRAMMING
91	TNE30018	ENTERPRISE NETWORK SERVER ADMINISTRATION
92	COS10009	INTRODUCTION TO PROGRAMMING
93	COS30081	FUNDAMENTALS OF NATURAL LANGUAGE PROCESSING
94	COS30019	INTRODUCTION TO ARTIFICIAL INTELLIGENCE
95	ICT30010	eFORENSIC FUNDAMENTALS
96	TNE30012	SECURE REMOTE ACCESS NETWORKS

97	COS30047	SECURITY OPERATION CENTRE
98	COS20015	FUNDAMENTALS OF DATA MANAGEMENT
99	COS30018	INTELLIGENT SYSTEMS
100	SWE30011	IOT PROGRAMMING
101	TNE20002	NETWORK ROUTING PRINCIPLES
102	SWE20004	TECHNICAL SOFTWARE DEVELOPMENT
103	COS30015	IT SECURITY
104	COS30017	SOFTWARE DEVELOPMENT FOR MOBILE DEVICES
105	COS20083	ADVANCED DATA ANALYTICS
106	SWE40001	SOFTWARE ENGINEERING PROJECT-A
107	TNE10006	NETWORKS AND SWITCHING
108	ICT30005	PROFESSIONAL ISSUES IN INFORMATION TECHNOLOGY
109	ICT30001	INFORMATION TECHNOLOGY PROJECT
110	ICT10001	PROBLEM SOLVING WITH ICT
111	COS10022	INTRODUCTION TO DATA SCIENCE
112	COS10026	COMPUTING TECHNOLOGY INQUIRY PROJECT
113	COS10005	WEB DEVELOPMENT
114	ICT10022	ICT ENQUIRY PROJECT