

Semester 1, 2018

Chemical Engineering

No.	New Unit Code	Unit Title
1	CEE20001	Introduction to Chemical Engineering Design
2	CEE30002	Reaction Engineering
3	CEE30004	Process Heat Transfer
4	CEE30006	Process Modelling and Optimisation
5	CEE30007	Process Control & Measurements
6	CEE30008	Environmental Engineering
7	CEE40002	Process Plant Design
8	CEE40012	Advanced Reaction Engineering

Civil Engineering

No.	Unit Code	Unit Title
1	CVE10004	Mechanics of Structures
2	CVE20001	Topographic Engineering
3	CVE30003	Transport Engineering
4	CVE20004	Geomechanics
5	CVE30001	Urban Water Resources
6	CVE30002	Steel Structures
7	CVE40002	Low Rise Building
8	HESS513	Wastewater Engineering (Elective)

Electrical and Electronic Engineering

No.	Unit Code	Unit Title
1	EEE20001	Digital Electronics Design
2	EEE20002	Circuits and Systems
3	EEE30001	Analogue Electronics 2
4	EEE30002	Electrical Power Systems
5	EEE30003	Electrical Safety
6	EEE40002	Integrated Circuit Design
7	EEE40007	Power System Operation and Control
8	ENG10003	Mechanics of Structures
9	ENG10004	Digital and Data Systems
10	MME30001	Engineering Management 1
11	MME40001	Engineering Management 2
12	MTH10007	Engineering Mathematics 2
13	MTH10013	Linear Algebra and Applications
14	MTH20005	Engineering Mathematics 3B
15	PHY10001	Energy and Motion
16	PHY10004	Electronics and Electromagnetism
17	PHY40001	Electromagnetic Waves
18	RME30002	Control and Automation
19	TNE10003	Professional Skills -Electrical Engineering
20	TNE10006	Networks and Switching
21	TNE30003	Communications Principles