

APPENDIX 1: ENGINEERING FUNDAMENTALS (UPDATED FOR AY2022-23 SEMESTER 1)

No	Offering School	Course Code	Course Title	AU	Offering Semester	Planned Capacity	Remarks (e.g. prerequisite etc)
						For Other Students	
						S1	
1	SCBE	CH1104	Materials & Energy Balance	3	2	NA	- Not offer to CBE as EF2
2	SCBE	CB1131 ⁺	Introduction to Biomolecular Engineering	3	1	10	- Not offered to CBE and BIE as EF2
3	CEE	CV1011	Mechanics of Materials	4	1 & 2	6	Mutually exclusive: - BG2141 (Core) and BG2209 (Core); not be offered to BIE students - MA2001; not to be offered to MAE students
4	CEE	CV1012	Fluid Mechanics	3	1	6	Mutually exclusive: BG2112 (Core) and CH2103 (Core); not to be offered to SCBE students
5	SCSE	CE/CZ1105 [#]	Digital Logic	3	2	NA	Mutually exclusive: EE2004 and IM1004; not to be offered to EEE and IEM students.
6	EEE	EE1102	Physics Foundation for Electrical & Electronic Engineering	3	1 & 2	10	Prerequisite: PH1011/PH1012 Mutually exclusive: CY1306, PH1105, PH1106, EE1002 Note: Students are required to register for its related laboratory code: E1102L Not offered to EEE/EEEC students.
7	EEE	EE1003	Introduction to Materials for Electronics	3	Cease to offer		Mutually exclusive: CB1105 and MS1015; not to be offered to BIE, BEEC and MSE students
8	MSE	MS1013	Materials Chemistry I	2	1	10	changed to 2 AU / index 15025 to 15028
9	MSE	MS1014	Materials Chemistry II	2	2	NA	changed to 2 AU
12	MAE	MA1701	Introduction to Aerospace Engineering	3	2	NA	
13	MAE	MA2003	Introduction to Thermo-fluids	3	1 & 2		will offer if still got vac after 1st week of add/drop
14	MAE	MA2004	Manufacturing Processes	3	1 & 2		will offer if still got vac after 1st week of add/drop
15	EEE	EE2001 #	Circuit Analysis	4	1 & 2	10	Not offered to EEE/EEEC students.
16	EEE	IM1002 #	Analog Electronics	3	2	NA	Not offered to EEE/EEEC/IEM/IEEC students.
17	EEE	IM1003 #	Object Oriented Programming	3	2	NA	Not offered to IEM/IEEC students.
Subtotal						52	

Engineering Fundamentals 1

+ New course

Change in course code/AU