

## POSSIBLE SCHEDULE FOR CEG AY2020 INTAKE

AY2020/21 **Common Engrg Intake streamed to CEG2 in AY2021/22** (with 6-months Industrial Attachment)

Sem 1, AY20/21	Sem 2	Sem 3, AY21/22	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
CG1111 EPP1 (6 MCs)	CG1112 EPP2 (6 MCs)	CS1231 Discrete Structures	CG2023 Signals & Systems	CG3207 OR CS3230	CP3880 ATAP (12 MCs)  OR EG3611A IA (10 MCs)	CG2271 Real-Time Operating Syst	CG4002 CEG Capstone Project (8 MCs)
CS1010E Programming Methodology	MA1508E Linear Algebra for Engrg	CS2040C Data Structures & Algorithms	CG2027 Transistor-level Digital Circuits (2 MCs)	EE4204 Computer Networks		Technical Elective Breadth (2 MCs if took ATAP)	
MA1505 Mathematics I (map to MA1511 and 2 MCs UEM1)	MA1512 Diff Eqn for Engrg (2 MCs)	EE2026 Digital Design	CG2028 Computer Organisation (2 MCs)	Technical Elective Breadth		UEM6	Technical Elective Depth
GER1000	GEQ1000	ST2334 Probability & Statistics	CS2101 Effective Comm for Computing Professionals	GEH1xxx	EG2401A Engrg Profsm (2 MCs) ^	UEM7	Technical Elective Depth
ES1103* OR UEM2	GET1xxx	GES1xxx	CS2113T Software Engrg & OOP	UEM4	UEM5 ^	UEM8	Technical Elective Depth
	UEM1 (2 MCs)		UEM3				
<b>22 MCs</b>	<b>22 MCs</b>	<b>20 MCs</b>	<b>20 MCs</b>	<b>20 MCs</b>	<b>16 or 18 MCs</b>	<b>20 or 18 MCs</b>	<b>20 MCs</b>
<b>TOTAL (MINIMUM) GRADUATION REQUIREMENTS – 160 MCs</b>							

^Students on Industrial Attachment (IA) are allowed to take up to two modules that are offered in the evenings (subject to approvals and availability). Students who prefer not to/are unable to, take evening module(s) during IA, should take some modules in the special terms (so as not to delay graduation).

### Important:

- The minimum 20 MCs of Technical Electives satisfying the CEG Breadth/Depth requirements can be taken at any semester upon satisfying the pre-requisites.
- Students are encouraged to take more Technical Electives (TE) and count as Unrestricted Elective Module (UEM)/use TEs to fulfil UEM requirements.
- The GE pillars (with the exception of GER1000 & GEQ1000) and UEM can be taken in any semester; the above serves as a guide.

\* If not exempted