POSSIBLE SCHEDULE FOR CEG AY2015 INTAKE STUDENTS

Possible Schedule for CEG AY2015/16 Common Engrg Intake (with 6 months IA)

Sem 1, AY15/16	Sem 2	Sem 3, AY16/17	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
MA1505 Math I	CS1010E Programming Methodology (map to CS1010)	CG1001 Intro to Comp Engrg (2 MCs)	CG2023 Signals & Systems	CG3002 Embedded Systems Design Proj	IA^ (12 MCs)	CG4001 B.Eng. Dissertation (6 MCs)	CG4001 B.Eng. Dissertation (6 MCs)
PC1431 (UEM 1)	EG1108 Electrical Engrg (map to CG1108)**	CS1020 Data Structures & Algorithms I	CG2271 Real-Time Operating Syst	CG3207 Computer Architecture		HR2002 Human Capital in Org. (3 MCs)	Depth Elective
MLE1101 (UEM 2)	MA1506 Math II	CS1231 Discrete Structures	CS2101 Effective Comm for Computing Professionals	EE3204 Computer Comms Networks I		Breadth Elective	Depth Elective
EG1109 (UEM 3)	PC1432 Physics IIE	EE2020 Digital Fundamentals (5 MCs)	CS2103T Software Engrg	ST2334 Probability & Statistics	EE3031 Inno & Enterprise I	GEQ1xxx	UEM 5
GER1000 Quantitative Reasoning	GET1021 Critical Thinking & Writing	EE2021 Devices & Circuits	EE2024 Prog for Computer Interfaces (5 MCs)	GEH1xxx	EG2401 Engrg Profsm.	UEM 4 (2 MCs)**	
ES1102*		GES1xxx					
20 MCs	**19 MCs**	**23 MCs**	**21 MCs**	**22 MCs**	**19 MCs**	**19 MCs**	**18 MCs**
TOTAL (MINIMUM) GRADUATION REQUIREMENTS - 160 MCs							

**EG1108 is 3 MCs but CG1108 is 4 MCs; need to top-up with UEMs (i.e. required to take at least 17 MCs UEMs) OR take 5 MCs module (e.g. CS3216/7) so that the total graduation MCs is at least 160.

^Students on Industrial Attachment (IA) are allowed to take up to two modules that are offered in the evenings (subject to approvals and availability). Depending on the preferred semester for IA, the modules for sem 5 & 6 may be mutually-swapped.

Important:
- The minimum 12 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 Elective(s) and at least one business/management module, to satisfy UEM.
- The GE pillars and Unrestricted Elective Modules (UEM) can be taken at any semester; the above serves as a guide.
* If not exempted