POSSIBLE SCHEDULE FOR CEG AY2015 INTAKE STUDENTS

CEG AY2015/16 Poly Intake who are **exempted from CG1108**

Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6
CG1001 Intro to Comp Engrg (2 MCs)	CS1020 Data Structures & Algorithms I	CS2103 Software Engrg	CG2023 Signals & Systems	CG3002 Embedded Systems Design Project (6 MCs)	CG4001 B.Eng. Dissertation
CS1010 Programming Methodology	CS1231 Discrete Structures	EE3204 Computer Comms Networks I	CG2271 Real-Time Operating Syst	CG3207 Computer Architecture	EE3031 Innovation & Enterprise I
MA1301[1,2] Introductory Math	EE2024 Programming for Computer Interfaces (5 MCs)	MA1506 Math II	EG2401 Engrg Profsm (3 MCs)	CG4001 B.Eng. Dissertation	Technical Elective Depth
EE2020 Digital Fundamentals (5 MCs)	MA1505 Math I	PC1222[1] Fundamentals of Physics II	PC1432 Physics IIE	Technical Elective Breadth	Technical Elective Depth
GER1000 Quantitative Reasoning	GET1021 Critical Thinking & Writing	GEH1xxx	ST2334 Probability & Statistics		
ES1102* OR EE2021 Devices & Circuits		GES1xxx	GEQ1xxx		
23 MCs	**21 MCs**	**24 MCs**	**23 MCs**	**20 MCs**	**18 MCs**
TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 160 MCs					

Important:

[1] Poly students are required to take MA1301 (pre-req of MA1505) and PC1222 (pre-req of PC1432) as compulsory Programme requirements.

[2] Poly students exempted from MA1301, will take MA1505 in place, AND will need to take one additional Technical Elective (to make up the 4 MCs shortfall).

- The minimum 12 MCs of Technical Electives satisfying the CEG Breadth / Depth requirements can be taken at any semester upon satisfying the pre-requisites.
- The GE pillars can be taken at any semester; the above serve as a guide.

* If not exempted. Students are strongly discouraged from reading six modules (22-23 MCs) AND ES1102. ES1102 is 0 MC but consists of 4hrs/week workload.

POSSIBLE SCHEDULE FOR CEG AY2015 INTAKE STUDENTS

CEG AY2015/16 Poly Intake who are **NOT** **exempted from CG1108**

Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7
CG1001 Intro to Comp Engrg (2 MCs)	CS1020 Data Structures & Algorithms I	CS2103 Software Engrg	CG2023 Signals & Systems	CG3002 Embedded Systems Design Project (6 MCs)	CG4001 B.Eng. Dissertation	CG4001 B.Eng. Dissertation
CS1010 Programming Methodology	CS1231 Discrete Structures	EE2021 Devices & Circuits	CG2271 Real-Time Operating Syst	CG3207 Computer Architecture	EE3031 Innovation & Enterprise I	Technical Elective Depth
EE1002 Intro to Circuits & Systems (map to CG1108)	EE2020 Digital Fundamentals (5 MCs)	MA1506 Math II	EE2024 Programming for Computer Interfaces (5 MCs)	EE3204 Computer Comms Networks I	EG2401 Engrg Profsm (3 MCs)	Technical Elective Depth
MA1301[1,2] Introductory Math	MA1505 Math I	PC1222[2] Fundamentals of Physics II	PC1432 Physics IIE	ST2334 Probability & Statistics	Technical Elective Breadth	
GER1000 Quantitative Reasoning	GET1021 Critical Thinking & Writing	GES1xxx	GEH1xxx	GEQ1xxx		
ES1102*						
18 MCs	**21 MCs**	**20 MCs**	**21 MCs**	**22 MCs**	**17 MCs**	**14 MCs**
TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 160 MCs						

Important:

[1] Poly students are required to take MA1301 (pre-req of MA1505) and PC1222 (pre-req of PC1432) as compulsory Programme requirements.

[2] Poly students exempted from MA1301, will take MA1505 in place, AND will need to take one additional Technical Elective (to make up the 4 MCs shortfall).

- The minimum 12 MCs of Technical Electives satisfying the CEG Breadth / Depth requirements can be taken at any semester upon satisfying the pre-requisites.
- The GE pillars can be taken at any semester; the above serve as a guide.

* If not exempted. Students are strongly discouraged from reading six modules (22-23 MCs) AND ES1102. ES1102 is 0 MC but consists of 4hrs/week workload.