POSSIBLE SCHEDULE FOR CEG AY2016 INTAKE STUDENTS

CEG AY2016/17 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	CG2271 Real-Time Operating Syst	CG2023 Signals & Systems	CG4001 B.Eng. Dissertation (12 MCs)	
CS1010 Programming Methodology	EE2024 Programming for Computer Interfaces (5 MCs)	CS1231 Discrete Structures	CG3002 Embedded Systems Design Project (6 MCs)	CG3207 Computer Architecture	EE3031 Innovation & Enterprise I
MA1301[1,2] Introductory Math	ES1531 Critical Thinking & Writing	CS2103 Software Engrg	EE3204 Computer Comms Networks I	EG2401 Engrg Profsm (3 MCs)	Technical Elective Depth
EE2020 Digital Fundamentals (5 MCs)	MA1505 Math I	MA1506 Math II	PC1432 Physics IIE	Technical Elective Breadth	Technical Elective Depth
GER1000 Quantitative Reasoning	GEQ1000 Asking Questions	PC1222[1] Fundamentals of Physics II	ST2334 Probability & Statistics	GES1xxx	GET1xxx
ES1103* OR EE2021 Devices & Circuits		GEH1xxx			
23 MCs	**21 MCs**	**24 MCs**	**22 MCs**	**21 MCs**	**22 MCs**
TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 161 MCs (or 165 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 in any semester upon satisfying the pre-requisites.
- The GE pillars can be taken in any semester; the above serve as a guide.

* If not exempted.

POSSIBLE SCHEDULE FOR CEG AY2016 INTAKE STUDENTS

CEG AY2016/17 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)	CG1108 Electrical Engineering	CS2103 Software Engrg	CG2023 Signals & Systems	CG3002 Embedded Systems Design Project (6 MCs)	CG4001 B.Eng. Dissertation (12 MCs)	
CS1010E Programming Methodology	CS1020 Data Structures & Algorithms I	EE2020 Digital Fundamentals (5 MCs)	CG2271 Real-Time Operating Syst	CG3207 Computer Architecture	EG2401 Engrg Profsm (3 MCs)	Technical Elective Depth
MA1301[1,2] Introductory Math	CS1231 Discrete Structures	EE2021 Devices & Circuits	EE2024 Programming for Computer Interfaces (5 MCs)	EE3204 Computer Comms Networks I	EE3031 Innovation & Enterprise I	Technical Elective Depth
PC1222[2] Fundamentals of Physics II	MA1505 Math I	MA1506 Math II	PC1432 Physics IIE	ST2334 Probability & Statistics	Technical Elective Breadth	
GER1000 Quantitative Reasoning	ES1531 Critical Thinking & Writing	GEQ1000 Asking Questions	GEH1xxx	GES1xxx	GET1xxx	
ES1103*						
18 / 22 MCs	**20 MCs**	**21 MCs**	**21 MCs**	**22 MCs**	**21 MCs**	**14 MCs**
TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 161 MCs (or 165 MCs)*						

*Students from Poly intake (who are NOT exempted from CG1108) will take CS1010E (in lieu of CS1010) due to exam clashes between CS1010 and PC1222.

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 in any semester upon satisfying the pre-requisites.
- The GE pillars can be taken in any semester; the above serve as a guide.

* If not exempted.