

**POSSIBLE SCHEDULE FOR CEG AY2017 INTAKE**

CEG AY2017/18 Poly Intake who are *exempted from CG1111*

Sem 1	Sem 2	Sem 3	Sem 4	May – Jul	Sem 5	Sem 6
CS1010 Programming Methodology	CG1112 EPP2 (6 MCs)	CG2027 Transistor-level Digital Circuits (2 MCs)	CG2023 Signals & Systems	CP3200 Student Internship Programme OR EG3612 Vacation Internship Programme (UEM3)	CG3207 OR CS3230	Technical Elective Depth
EE2026 Digital Design	CS1231 Discrete Structures	CG2028 Comp Org (2 MCs)	CG2271 Real-Time Operating Syst		CG4002 CEG Capstone Project (8 MCs)	Technical Elective Depth
MA1301 <sup>1,2</sup> Introductory Math	CS2040C Data Structures & Algorithms	CS2113 Software Engrg & OOP	EG240# Engrg Profsm (2 MCs)		Technical Elective Breadth	Technical Elective Depth
PC1222 <sup>1</sup> Fundamentals of Physics II	MA1511 Engrg Calculus (2 MCs)	EE3204 ST2334 Probability & Statistics	ST2334 EE4204 Computer Networks			GES1xxx
ES1103* (UEM1) OR GER1000	MA1512 Diff Eqn for Engrg (2 MCs)	MA1508E Linear Algebra for Engrg	Technical Elective Breadth		GEH1xxx	UEM4 (if did not do SIP/VIP)
	GEQ1000	GER1000 (if not read in sem 1) OR UEM1	GET1xxx			UEM3 (if did not do SIP/VIP) (2 MCs)
		CFG1010 (2 MCs)/UEM2				
<b>20 MCs</b>	<b>22 MCs</b>	<b>22 MCs</b>	<b>22 MCs</b>	<b>6 or 0 MCs</b>	<b>22 or 24 MCs</b>	<b>16 or 20 MCs</b>
<b>TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 160 MCs<sup>#</sup></b>						

**# including Advanced Placement Credits (APCs) for CG1111, CS2101 and UEM (20 MCs)**

**Important:**

<sup>1</sup> In lieu of IA (10 MCs), Poly students are required to take MA1301 (if not exempted), PC1222 and SIP/VIP/technical elective (TE) totalling 10 MCs.

<sup>2</sup> Poly students exempted from MA1301, will take MA1511 and MA1512 in place, AND will need to take additional technical elective (to make up the 4 MCs shortfall).

- The GE pillars (with the exception of GER1000 & GEQ1000) can be taken in any semester; the above serve as a guide.

\* If not exempted.

**POSSIBLE SCHEDULE FOR CEG AY2017 INTAKE**

CEG AY2017/18 Poly Intake who are **NOT** exempted from both EPP modules

Sem 1	Sem 2	Sem 3	Sem 4	May – Jul	Sem 5	Sem 6
CG1111 EPP1 (6 MCs)	CG1112 EPP2 (6 MCs)	CG2271 Real-Time Operating Syst	CG2023 Signals & Systems	CP3200 Student Internship Programme OR EG3612 Vacation Internship Programme (UEM3)	CG3207 OR CS3230	Technical Elective Depth
CS1010 Programming Methodology	CS1231 Discrete Structures	CS2113 Software Engrg & OOP	CG2027 Transistor-level Digital Circuits (2 MCs)		CG4002 CEG Capstone Project (8 MCs)	Technical Elective Depth
MA1301 <sup>1,2</sup> Introductory Math	CS2040C Data Structures & Algorithms	EE3204 ST2334 Probability & Statistics	CG2028 Comp Org (2 MCs)		EG240# Engrg Profsm (2 MCs)	Technical Elective Depth
PC1222 <sup>1</sup> Fundamentals of Physics II	EE2026 Digital Design	MA1508E Linear Algebra for Engrg	ST2334 EE4204 Computer Networks			GES1xxx
ES1103* (UEM1) OR GER1000	MA1511 Engrg Calculus (2 MCs)	GER1000 (if not read in sem 1) OR GET1xxx	Technical Elective Breadth		Technical Elective Breadth	UEM4 (if did not do SIP/VIP)
	MA1512 Diff Eqn for Engrg (2 MCs)	CFG1010 (2 MCs)/UEM2	GEQ1000		GEH1xxx	
			UEM1 (if exempted ES1103)	UEM3 (if did not do SIP/VIP) (2 MCs)		
<b>22 MCs</b>	<b>22 MCs</b>	<b>22 MCs</b>	<b>24 MCs</b>	<b>6 or 0 MCs</b>	<b>22 or 24 MCs</b>	<b>16 or 20 MCs</b>
<b>TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 160 MCs<sup>#</sup></b>						

**# including Advanced Placement Credits (APCs) for CS2101 and UEM (20 MCs)**

**Important:**

<sup>1</sup> In lieu of IA (10 MCs), Poly students are required to take MA1301 (if not exempted), PC1222 and SIP/VIP/technical elective (TE) totalling 10 MCs.

<sup>2</sup> Poly students exempted from MA1301, will take MA1511 and MA1512 in place, AND will need to take additional technical elective (to make up the 4 MCs shortfall).

- The GE pillars (with the exception of GER1000 & GEQ1000) can be taken in any semester; the above serve as a guide.

\* If not exempted.