

## POSSIBLE SCHEDULE FOR CEG AY2014 INTAKE STUDENTS

### Possible Schedule for CEG AY2014/15 Poly Intake

\* For Poly students who are **exempted from CG1108**

Sem 1	Sem 2	Sem 3	Sem 4	May - Jul	Sem 5	Sem 6	Sem 7
CG1001 Intro to Comp Engrg (2 MCs)	CS1020 Data Structures & Algorithms I	GEK1549 Critical Thinking & Writing	CG2023 Signals & Systems	(CP3200 Student Internship Programme OR EG3602 Vacation Internship Programme) <sup>3</sup>	CG3002 Embedded Systems Design Project (6 MCs)	CG4001 BEng Dissertation	CG4001 BEng Dissertation
CS1010 Programming Methodology	CS1231 Discrete Structures	CS2103 Software Engrg	CG2271 Real-Time Operating Syst		CG3207 Computer Architecture	EE3031 Innovation & Enterprise I	Technical Elective Depth
EE2020 Digital Fundamentals (5 MCs)	EE2024 Programming for Computer Interfaces (5 MCs)	MA1506 Math II	EG2401 Engrg Profsm (3 MCs)		Technical Elective Breadth	Technical Elective Depth	
EE2021 Devices & Circuits	MA1505 Math I	PC1432 Physics IIE	ST2334 Probability & Statistics		ULR Breadth	UEM	
MA1301 <sup>1</sup> Introductory Math	PC1222 <sup>2</sup> Fundamentals of Physics II	EE3204 Computer Comms Networks I	SS				
ES1102*							
<b>19 MCs</b>	<b>21 MCs</b>	<b>20 MCs</b>	<b>19 MCs</b>		<b>6 MCs</b>	<b>18 MCs</b>	<b>18 MCs</b>
<b>TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 162 MCs</b>							

**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.
- The University Level Requirements (GEM, SS, ULR Breadth) and Unrestricted Elective Module Requirements (UEM) can be taken at any semester, the above serve as a guide.

\* If not exempted

<sup>1</sup> Poly students exempted from MA1301, will take MA1505 in place, AND will need to take one additional Technical Elective (to make up the 4MCs shortfall).

<sup>2</sup> Poly students are required to take PC1222 (pre-req of PC1432) as compulsory Programme requirements.

<sup>3</sup> Poly students may take one technical elective in place of internship (6MCs); the minimum total graduation requirements for this group of students will be 160MCs.

## POSSIBLE SCHEDULE FOR CEG AY2014 INTAKE STUDENTS

### Possible Schedule for CEG AY2014/15 Poly Intake

\* For Poly students who are **NOT** exempted from CG1108

Sem 1	Sem 2	Sem 3	Sem 4	May - Jul	Sem 5	Sem 6	Sem 7
CG1001 Intro to Comp Engrg (2 MCs)	CS1020 Data Structures & Algorithms I	GEK1549 Critical Thinking & Writing	CG2023 Signals & Systems	(CP3200 Student Internship Programme OR EG3602 Vacation Internship Programme) <sup>3</sup>	CG3002 Embedded Systems Design Project (6 MCs)	CG4001 BEng Dissertation	CG4001 BEng Dissertation
CS1010 Programming Methodology	CS1231 Discrete Structures	CS2103 Software Engrg	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)	EE2021 Devices & Circuits	EG2401 Engrg Profsm (3 MCs)		EE3204 Computer Comms Networks I	Technical Elective Breadth	Technical Elective Depth
MA1301 <sup>1</sup> Introductory Math	MA1505 Math I	MA1506 Math II	EE2024 Programming for Computer Interfaces (5 MCs)		ST2334 Probability & Statistics	ULR Breadth	UEM
PC1222 <sup>2</sup> Fundamentals of Physics II	ES1102*	PC1432 Physics IIE	SS				
<b>18 MCs</b>	<b>17 MCs</b>	<b>20 MCs</b>	<b>20 MCs</b>	<b>6 MCs</b>	<b>18 MCs</b>	<b>18 MCs</b>	<b>18 MCs</b>
<b>TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 162 MCs</b>							

#### 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.
- The University Level Requirements (GEM, SS, ULR Breadth) and Unrestricted Elective Module Requirements (UEM) can be taken at any semester, the above serve as a guide.

\* If not exempted

<sup>1</sup> Poly students exempted from MA1301, will take MA1505 in place, AND will need to take one additional Technical Elective (to make up the 4MCs shortfall).

<sup>2</sup> Poly students are required to take PC1222 (pre-req of PC1432) as compulsory Programme requirements.

<sup>3</sup> Poly students may take one technical elective in place of internship (6MCs); the minimum total graduation requirements for this group of students will be 160MCs.