

## RECOMMENDED STUDY SCHEDULE for CEG AY2021 INTAKE

### CEG AY2021/22 Poly Intake

Sem 1	Sem 2	Sem 3	Sem 4	May – Jul	Sem 5	Sem 6
CG1111A EPP1	CG2111A EPP2	CG2271 RTOS	CG2023 Signals & Systems	CP3200 Student Internship Programme OR EG3612 Vacation Industrial Attachment 6 MCs (UEM)	CG4002 CEG Capstone Project (8 MCs)	ESxxxx Creating Narratives
CS1010 Programming Methodology	CS2040C Data Structures & Algorithms	CS2113 Software Engrg & OOP	CG2027 Transistor-level Digital Circuits (2 MCs)			GEN1xxx Communities & Engagement
MA1301 Introductory Math (UEM1)	EE2026 Digital Design	IE2141 Systems Thinking	CG2028 Comp Org (2 MCs)		CS1231 Discrete Structures	EE4204 Computer Networks
ES1103* OR PC1201 Fundamentals of Physics (UEM2)	GEA1000 Quantitative Reasoning with Data	ES2531 Critical Thinking & Writing	PF1101 Fundamentals of Project Mgmt		GES1xxx Singapore Studies	UEM4 (2 MCs, if completed SIP/VIA)
GEC1xxx Cultures and Connections	MA1508E Linear Algebra for Engrg	MA1511 Engrg Calculus (2 MCs)	EE2211 Introduction to Machine Learning		UEM3	UEM5 (if did not do SIP/VIA)
		MA1512 Diff Eqn for Engrg (2 MCs)	PC1201 (if not exe from ES1103) OR EG2501 Liveable Cities			EG2401A Engrg Profsm (2 MCs)
<b>20 MCs</b>	<b>20 MCs</b>	<b>20 MCs</b>	<b>20 MCs</b>	<b>6 or 0 MCs</b>	<b>22 MCs</b>	<b>14 or 20 MCs</b>
<b>TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 160 MCs#</b>						

# including Advanced Placement Credits (APCs) for DTK1234, EG1311, IA (10 MCs) and UEM (20 MCs)

#### Important:

- Poly students are required to take MA1301 (if not exempted) as bridging Math and PC1201 as bridging Physics.
- Poly students who are exempted from MA1301, will take MA1511 and MA1512 in place, AND will need to take additional UEM (to make up the 4 MCs shortfall).
- Students are encouraged to use the Unrestricted Elective Modules (UEM) to read CEG Technical Elective (TE) / Specialisation (SPN) / Minor. You will need to plan in advance, in order to fulfil the pre-requisite(s) of the modules required for your intended TE / SPN / Minor.
- \* If not exempted.