

RECOMMENDED STUDY SCHEDULE for CEG AY2024 INTAKE
CEG AY2024/25 Direct Intake (with 6-months Industrial Attachment in Year 3)

Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
CG1111A EPP1	CG2111A EPP2	CS1231 Discrete Structures	CG2023 Signals & Systems	CP3880 ATAP (12 Units) OR EG3611A IA (10 Units)	CG2027 (2 Units) and CG2028 (2 Units)	CG4002 CEG Capstone Project (8 Units)	UE6
CS1010 Programming Methodology	DTK1234 Design Thinking	CS2040C Data Structures & Algorithms	CS2113 Software Engrg & OOP		CG2271 RTOS		UE7
EG1311 Design and Make	MA1508E Linear Algebra for Engrg	GEC1xxx Cultures and Connections	EE2026 Digital Design		CDE2000 Creating Narratives	EE4204 Computer Networks	UE8
MA1511 Engrg Calculus (2 Units)	PF1101 Fundamentals of Project Mgmt	IE2141 Systems Thinking	EE2211 Introduction to Machine Learning	EG2401A Engrg Profsm (2 Units)^	GESS1xxx Singapore Studies	GEN/C&E pillar Communities & Engagement	UE9
MA1512 Diff Eqn for Engrg (2 Units)	GEA1000 Quantitative Reasoning with Data	ES2631 Critique and Communication of Thinking and Design	EG2501(recoded to CDE2501) Liveable Cities	UE2^	UE4 e.g. ST2334	UE5	UE10
ES1103* OR UE1				UE3^ (2 Units, if took ATAP)			
20 Units	20 Units	20 Units	20 Units	20 Units	20 Units	20 Units	20 Units
TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 160 Units							

^Students on Industrial Attachment (IA) are allowed to take (up to) 20 Units workload, including course that are offered in the evenings (subject to approvals and availability). Depending on the preferred semester for IA, the course for sem 5 & 6 may be mutually swapped. Students who prefer not to/are unable to take evening course(s) during IA, should take course(s) in the Special Terms (so as not to delay graduation).

Important:

- The three General Elective Courses (GE) and ten Unrestricted Elective Courses (UE) can be taken in any semester; the above serves as a guide
- Students are encouraged to use the UEs, totalling 40 units, to fulfil Specialisation (SPN) / Technical Elective (TE) / 2nd Major / Minor, etc. You will need to plan in advance, in order to fulfil the pre-requisite(s) of the courses required for your intended SPN / TE / 2nd Major / Minor.

* If not exempted.