

# POSSIBLE SCHEDULE FOR EE AY2025/26 INTAKE STUDENTS (Non-Poly)

AY25/26, S1	AY25/26, S2	AY26/27, S1	AY26/27, S2	AY27/28, S1	AY27/28, S2	AY28/29, S1	AY28/29, S2
Schedule I	Schedule II	Schedule III	Schedule IV	Schedule V or VI	Schedule VI or V	Schedule VII	Schedule VIII
Maker Space (EG1311 Design & Make)	Design Thinking (DTK1234 Design Thinking)	Critique & Expression [ES2631 Critical Thinking & Writing Pre-Requisite: ES1103]	Artificial Intelligence (EE2211 Introduction to Machine Learning Pre-Req: CS1010E, MA1511, MA1508E)	EG2401A (2 units) Engineering Professionalism [Pre- Requisite: ES2531]	- Industrial Attachment (10 units)  - up to 2 evening courses (e.g. UE 3 & UE 4)	EE4002D / EE4002R Design / Research Capstone	EE4002D / EE4002R Design / Research Capstone
Digital Literacy (CS1010E Programming Methodology)	Project Management (PF1101A Project Management and Finance)	EE2012 Analytical Methods in ECE [Pre-Req: MA1511 + MA1512]	Singapore Studies (CDE2501 Liveable Cities)	EE3033 Systems Integration and Design Lab [Pre-Req: EE2023, EE2026, EE2027]		Technical Elective	Technical Elective
MA1511 Engineering Calculus (2 units) MA1512 Differential Equations for Eng (2 units)	MA1508E Linear Algebra for Engineers	EE2028 Microcontroller Programming and Interfacing [Pre-Requisite: EE2111A & CS1010E]	EE2026 Digital Design [Pre-Requisite: CS1010E]	Extended Core Technical Elective		SPN / TE / Minor / UE 5	SPN / TE / Minor / UE 8
Cultures and Connections (GEC) / ES1103 <sup>1</sup>	Data Literacy (GEA1000 Quantitative Reasoning)	EE2023 Signals & Systems [Pre-Requisite: MA1512]	EE2027 Electronics Circuits [Pre- Requisite: EE2111A]	Communities and Engagement (GEN)		SPN / TE / Minor / UE 6	SPN / TE / Minor / UE 9
EE1111A Electrical Engineering Principles & Practice I	EE2111A Electrical Engineering Principles & Practice II	PC2020 Electromagnetics for Electrical Engineers [Pre-Req: MA1511 + MA1512]	EE2022 Electrical Energy Systems [Pre-Requisite: EE2111A]	SPN / TE / Minor / UE 1		SPN / TE / Minor / UE 7	SPN / TE / Minor / UE 10 (for those done ES1103 in S1, do GEC if you have not fulfilled all 6 GE courses)
				SPN / TE / Minor / UE 2			
20 units	20 units	20 units	20 units	22 units	18 units	20 units	20 units

<sup>1</sup> Students who do not meet the pre-requisite of ES2631 should take ES1103. Refer to <http://www.nus.edu.sg/registrar/academic-activities/registration/academic-related-matters/get> for more details. ES1103 can be used to fulfil UE requirements.

## NOTE:

- Common Curriculum (40 units): CDE common curriculum (denote by courses in grey, 16units) + NUS General Education (denote by courses in blue, 24 units: CS1010E, ES2631, GEA1000, CDE2501, GEC, GEN course)
- Unrestricted Electives (UE, 40 units): denote by courses in orange (courses can be used to fulfil SPN(Specialization)/ Technical electives(TE)/ 2<sup>nd</sup> major/ Minor, etc). Students need to plan in advance to fulfil the pre-req of the courses for their SPN/TE/2<sup>nd</sup> Major/minor.
- Major Requirements (80units): Engineering Core, denote by courses in purple (20units) & EE Core/Major, denote by courses in green (60units).
- Students may opt to do Special Term (ST) courses to reduce workload in regular sem. ST fees applies. Details at <https://www.nus.edu.sg/registrar/academic-activities/special-term>
- The above is just a Recommended Schedule. Students should check that they fulfil their graduation requirement using the [FFG Checklist](#) and may adjust their study plan accordingly.