Bachelor of Engineering (Electrical Engineering) with Second Major in Innovation & Design

Cohort AY2022/2023

Modular Requirements	Modular Credits (MCs)
Common Curriculum	
GEA1000 Quantitative Reasoning with Data	4
CS1010E Programming Methodology	4
ES2631 Critique and Communication of Thinking and Design ¹	4
GE: Cultures and Connections ¹	4
GE: Singapore Studies ¹	4
GE: Communities and Engagement ¹	4
CDE2000 Creating Narratives	4
DTK1234 Design Thinking	4
EE2211 Introduction to Machine Learning	4
EG1311 Design and Make	4
EG2501 Liveable Cities	4
IE2141 Systems Thinking and Dynamics	4
PF1101 Fundamentals of Project Management	4
EG4301 DCP Dissertation or EG4301A Ideas to Start-up	8
(over 2 consecutive semesters) ²	O
Sub-total for Common Curriculum	60
Engineering Core	00
MA1511 Engineering Calculus	2
MA1512 Differential Equations for Engineering	2
MA1508E Linear Algebra for Engineering	4
EG2401A Engineering Professionalism	2
EG3611A Industrial Attachment <u>or</u>	10
CFG2101 NUS Vacation Internship Programme ³ and EG3612 Vacation Industrial	
Attachment	
Sub-total for Engineering Core	20
Engineering Programme Requirements	
EE1111A Electrical Engineering Principles and Practice I	4
EE2111A Electrical Engineering Principles and Practice II	4
EE2012 Analytical Methods in Electrical and Computer Engineering	4
EE2022 Electrical Energy Systems	4
EE2023 Signals and Systems	4
EE2026 Digital Design or EE2028 Microcontroller Programming and Interfacing	4
EE2027 Electronic Circuits	4
PC2020 Electromagnetics for Electrical Engineers	4
Technical electives	8
Sub-total for Engineering Programme Requirements	40
Unrestricted Electives	40
Group A module for Second Major	4
Group B module for Second Major	4
Group C modules for Second Major (Innovation & Enterprise electives)	8
EG3301R DCP Project (over 2 consecutive semesters)	12
EG4301 DCP Dissertation or EG4301A Ideas to Start-up	4
(over 2 consecutive semesters) ²	•
Other unrestricted electives	8
Caracteristics credition	-
Sub-total for Unrestricted Electives	40

Innovation & Design Programme NUS College of Design and Engineering

Notes:

- ¹ Students may read equivalent modules in USP/NUSC, UTCP, and RVRC.
- ² The 12 MCs for EG4301/EG4301A are counted towards 8 MCs for the Integrated Project requirement in the Common Curriculum while 4 MCs are counted as unrestricted elective.
- ³ May be replaced by EG2605 Undergraduate Research Opportunities Programme.

(for students who opt for vacation internships)

Semester 1	MCs	Semester 2	MCs
EE1111A Electrical Engineering Principles and Practice I	4	EE2111A Electrical Engineering Principles and Practice II	4
CS1010E Programming Methodology	4	GEA1000 Quantitative Reasoning with	4
C31010L 110gramming Wethodology		Data	4
EG1311 Design & Make	4	DTK1234 Design Thinking	4
MA1511 Engineering Calculus	2	MA1508E Linear Algebra for Engineering	4
MA1512 Differential Equations for	2	PF1101 Fundamentals of Project	4
Engineering		Management	4
GE	4	Group A/B module for Second Major ^	4
Sub-total	20	Sub-total	24

Summer vacation between Semesters 2 and 3	MCs
CFG2101 NUS Vacation Internship Programme	4
Sub-total Sub-total	4

Semester 3	MCs	Semester 4	MCs
EE2012 Analytical Methods in Electrical	4	EE2023 Signals and Systems	4
and Computer Engineering	4	LLZOZ3 Signais and Systems	†
EE2027 Electronic Circuits	4	EE2211 Introduction to Machine Learning	4
ES2631 Critique and Communication of	4	EG2501 Liveable Cities	4
Thinking and Design	4	EG2501 Liveable Cities	4
IE2141 Systems Thinking & Dynamics	4	CDE2000 Creating Narratives	4
Group A/B module for Second Major	4	EG3301R DCP Project	6
Sub-total	20	Sub-total Sub-total	22

Summer vacation between Semesters 4 and 5	MCs
EG3612 Vacation Internship Attachment	6
Sub-total	6

Semester 5	MCs	Semester 6 – can be used for SEP	MCs
EG3301R DCP Project	6	Innovation & Enterprise Elective 1	4
EE2022 Electrical Energy Systems	4	GE *	4
EE2026 Digital Design or EE2028			
Microcontroller Programming and	4	GE *	4
Interfacing			
PC2020 Electromagnetics for Electrical	4	UE	4
Engineers	4	OE .	4
EG2401A Engineering Professionalism	2	UE	4
Sub-total	20	Sub-total Sub-total	20

Semester 7	MCs	Semester 8	MCs
EG4301 DCP Dissertation	6	EG4301 DCP Dissertation	6
Innovation & Enterprise Elective 2	4	Technical Elective 2	4
Technical Elective 1	4		
Sub-total	14	Sub-total Sub-total	10

[^] Students can only take EG2310 or EG2301 in this semester. Those who wish to take EG2201A (in lieu of EG2310) and EG2311/EG2606B (in lieu of EG2301) may clear both modules concurrently in Semester 3.

^{*} Students in UTCP and RVRC will need to overload in Semesters 2 to 4 in order to clear these modules earlier.

(for students who opt for vacation internships plus a specialisation)

Semester 1	MCs	Semester 2	MCs
EE1111A Electrical Engineering Principles and Practice I	4	EE2111A Electrical Engineering Principles and Practice II	4
CS1010E Programming Methodology	4	GEA1000 Quantitative Reasoning with	4
C31010L 110gramming Wethodology		Data	4
EG1311 Design & Make	4	DTK1234 Design Thinking	4
MA1511 Engineering Calculus	2	MA1508E Linear Algebra for Engineering	4
MA1512 Differential Equations for	2	PF1101 Fundamentals of Project	4
Engineering		Management	4
GE	4	Group A/B module for Second Major ^	4
Sub-total	20	Sub-total	24

Summer vacation between Semesters 2 and 3	MCs
CFG2101 NUS Vacation Internship Programme	4
Sub-total	4

Semester 3	MCs	Semester 4	MCs
EE2012 Analytical Methods in Electrical	4	EE2023 Signals and Systems	4
and Computer Engineering		,	
EE2027 Electronic Circuits	4	EE2211 Introduction to Machine Learning	4
ES2631 Critique and Communication of	4	562524 11 11 - 611	4
Thinking and Design	4	EG2501 Liveable Cities	4
IE2141 Systems Thinking & Dynamics	4	CDE2000 Creating Narratives	4
Group A/B module for Second Major	4	EG3301R DCP Project	6
Sub-total	20	Sub-total Sub-total	22

Summer vacation between Semesters 4 and 5	MCs
EG3612 Vacation Internship Attachment	6
Sub-total	6

Semester 5	MCs	Semester 6 – can be used for SEP	MCs
EG3301R DCP Project	6	Innovation & Enterprise Elective 1	4
EE2022 Electrical Energy Systems	4	GE *	4
EE2026 Digital Design or EE2028			
Microcontroller Programming and	4	GE *	4
Interfacing			
PC2020 Electromagnetics for Electrical	4	Specialisation module 1	4
Engineers	4	Specialisation module 1	4
EG2401A Engineering Professionalism	2	Specialisation module 2	4
Sub-total	20	Sub-total Sub-total	20

Semester 7	MCs	Semester 8	MCs
EG4301 DCP Dissertation	6	EG4301 DCP Dissertation	6
Innovation & Enterprise Elective 2	4	Specialisation module 4	4
Specialisation module 3	4	Specialisation module 5	4
Sub-total	14	Sub-total Sub-total	14

[^] Students can only take EG2310 or EG2301 in this semester. Those who wish to take EG2201A (in lieu of EG2310) and EG2311/EG2606B (in lieu of EG2301) may clear both modules concurrently in Semester 3.

^{*} Students in UTCP and RVRC will need to overload in Semesters 2 to 4 in order to clear these modules earlier.

(for students who opt for industrial attachment)

Semester 1	MCs	Semester 2	MCs
EE1111A Electrical Engineering Principles and Practice I	4	EE2111A Electrical Engineering Principles and Practice II	4
CS1010E Programming Methodology	4	GEA1000 Quantitative Reasoning with Data	4
EG1311 Design & Make	4	DTK1234 Design Thinking	4
MA1511 Engineering Calculus	2	MA1508E Linear Algebra for Engineering	4
MA1512 Differential Equations for Engineering	2	PF1101 Fundamentals of Project Management	4
GE	4	Group A/B module for Second Major ^	4
Sub-total	20	Sub-total Sub-total	24

Semester 3	MCs	Semester 4	MCs
EE2012 Analytical Methods in Electrical and Computer Engineering	4	EE2023 Signals and Systems	4
EE2027 Electronic Circuits	4	EE2211 Introduction to Machine Learning	4
ES2631 Critique and Communication of Thinking and Design	4	EG2501 Liveable Cities	4
IE2141 Systems Thinking & Dynamics	4	CDE2000 Creating Narratives	4
Group A/B module for Second Major	4	EG3301R DCP Project	6
Sub-total	20	Sub-total	22

Semester 5	MCs	Semester 6	MCs
EG3301R DCP Project	6	EG3611A Industrial Attachment	10
EE2022 Electrical Energy Systems	4		
EE2026 Digital Design or EE2028			
Microcontroller Programming and	4		
Interfacing			
PC2020 Electromagnetics for Electrical	4		
Engineers	4		
EG2401A Engineering Professionalism	2		
Sub-total	20	Sub-total Sub-total	10

Semester 7	MCs	Semester 8	MCs
EG4301 DCP Dissertation	6	EG4301 DCP Dissertation	6
Innovation & Enterprise Elective 1	4	Innovation & Enterprise Elective 2	4
Technical Elective 1	4	Technical Elective 2	4
GE *	4	UE	4
GE *	4	UE	4
Sub-total	22	Sub-total Sub-total	22

[^] Students can only take EG2310 or EG2301 in this semester. Those who wish to take EG2201A (in lieu of EG2310) and EG2311/EG2606B (in lieu of EG2301) may clear both modules concurrently in Semester 3.

^{*} Students in UTCP and RVRC will need to overload in Semesters 2 to 4 in order to clear these modules earlier.

(for students who opt for industrial attachment plus a specialisation)

Semester 1	MCs	Semester 2	MCs
EE1111A Electrical Engineering Principles and Practice I	4	EE2111A Electrical Engineering Principles and Practice II	4
CS1010E Programming Methodology	4	GEA1000 Quantitative Reasoning with	4
	4	Data	
EG1311 Design & Make	4	DTK1234 Design Thinking	4
MA1511 Engineering Calculus	2	MA1508E Linear Algebra for Engineering	4
MA1512 Differential Equations for	2	PF1101 Fundamentals of Project	4
Engineering		Management	4
GE	4	Group A/B module for Second Major ^	4
Sub-total	20	Sub-total	24

Semester 3	MCs	Semester 4	MCs
EE2012 Analytical Methods in Electrical and Computer Engineering	4	EE2023 Signals and Systems	4
EE2027 Electronic Circuits	4	EE2211 Introduction to Machine Learning	4
ES2631 Critique and Communication of Thinking and Design	4	EG2501 Liveable Cities	4
IE2141 Systems Thinking & Dynamics	4	CDE2000 Creating Narratives	4
Group A/B module for Second Major	4	EG3301R DCP Project	6
Sub-total	20	Sub-total	22

Semester 5	MCs	Semester 6	MCs
EG3301R DCP Project	6	EG3611A Industrial Attachment	10
EE2022 Electrical Energy Systems	4		
EE2026 Digital Design or EE2028			
Microcontroller Programming and	4		
Interfacing			
PC2020 Electromagnetics for Electrical	4		
Engineers	4		
EG2401A Engineering Professionalism	2		
GE *	4		
Sub-total	24	Sub-total Sub-total	10

Semester 7	MCs	Semester 8	MCs
EG4301 DCP Dissertation	6	EG4301 DCP Dissertation	6
Innovation & Enterprise Elective 1	4	Innovation & Enterprise Elective 2	4
Specialisation module 1	4	Specialisation module 3	4
Specialisation module 2	4	Specialisation module 4	4
GE *	4	Specialisation module 5	4
Sub-total Sub-total	22	Sub-total Sub-total	22

[^] Students can only take EG2310 or EG2301 in this semester. Those who wish to take EG2201A (in lieu of EG2310) and EG2311/EG2606B (in lieu of EG2301) may clear both modules concurrently in Semester 3.

^{*} Students in UTCP and RVRC will need to overload in Semesters 2 to 4 in order to clear these modules earlier.

(for students in year-long NOC programmes)

Semester 1	MCs	Semester 2	MCs
EE1111A Electrical Engineering Principles and Practice I	4	EE2111A Electrical Engineering Principles and Practice II	4
CS1010E Programming Methodology	4	GEA1000 Quantitative Reasoning with	4
	_	Data	
EG1311 Design & Make	4	DTK1234 Design Thinking	4
MA1511 Engineering Calculus	2	MA1508E Linear Algebra for Engineering	4
MA1512 Differential Equations for	2	PF1101 Fundamentals of Project	4
Engineering	2	Management	4
GE	4	Group A/B module for Second Major ^	4
Sub-total	20	Sub-total	24

Semester 3	MCs	Semester 4	MCs
EE2012 Analytical Methods in Electrical and Computer Engineering	4	EE2023 Signals and Systems	4
EE2027 Electronic Circuits	4	EE2211 Introduction to Machine Learning	4
ES2631 Critique and Communication of Thinking and Design	4	EG2501 Liveable Cities	4
IE2141 Systems Thinking & Dynamics	4	CDE2000 Creating Narratives	4
Group A/B module for Second Major	4	EG3301R DCP Project	6
Sub-total	20	Sub-total	22

Semester 5	MCs	Semester 6 – NOC	MCs
EG3301R DCP Project	6		
EE2022 Electrical Energy Systems	4		
EE2026 Digital Design or EE2028			
Microcontroller Programming and	4	NOC	
Interfacing			
PC2020 Electromagnetics for Electrical	4		
Engineers	4		
Sub-total	18	Sub-total Sub-total	20

Semester 7 – NOC	MCs	Semester 8	MCs
NOC		Technical Elective 1	4
		Technical Elective 2	4
		GE *	4
		GE *	4
Sub-total	20	Sub-total Sub-total	16

[^] Students can only take EG2310 or EG2301 in this semester. Those who wish to take EG2201A (in lieu of EG2310) and EG2311/EG2606B (in lieu of EG2301) may clear both modules concurrently in Semester 3.

A year-long NOC programme comprises the following modules:

- TR3201N Entrepreneurship Practicum (8 MCs) replaces EG4301A (4 MCs out of 12 MCs) and UE (4 MCs)
- TR3202N Start-up Internship Programme (12 MCs) replaces EG3611A (10 MCs) and EG2401A (2 MCs)
- TR3203N Start-up Case Study and Analysis (8 MCs) replaces EG4301A (8 MCs out of 12 MCs)
- Entrepreneurship courses (up to 12 MCs) replaces Innovation & Enterprise electives (up to 8 MCs) while
 the rest are counted as UE

^{*} Students in UTCP and RVRC will need to overload in Semesters 2 to 4 in order to clear these modules earlier.

(for students in one-semester NOC programmes)

Semester 1	MCs	Semester 2	MCs
EE1111A Electrical Engineering Principles and Practice I	4	EE2111A Electrical Engineering Principles and Practice II	4
CS1010E Programming Methodology	4	GEA1000 Quantitative Reasoning with	4
	4	Data	
EG1311 Design & Make	4	DTK1234 Design Thinking	4
MA1511 Engineering Calculus	2	MA1508E Linear Algebra for Engineering	4
MA1512 Differential Equations for	2	PF1101 Fundamentals of Project	4
Engineering		Management	4
GE	4	Group A/B module for Second Major ^	4
Sub-total	20	Sub-total	24

Semester 3	MCs	Semester 4	MCs
EE2012 Analytical Methods in Electrical and Computer Engineering	4	EE2023 Signals and Systems	4
EE2027 Electronic Circuits	4	EE2211 Introduction to Machine Learning	4
ES2631 Critique and Communication of Thinking and Design	4	EG2501 Liveable Cities	4
IE2141 Systems Thinking & Dynamics	4	CDE2000 Creating Narratives	4
Group A/B module for Second Major	4	EG3301R DCP Project	6
Sub-total	20	Sub-total	22

Semester 5	MCs	Semester 6 – NOC	MCs
EG3301R DCP Project	6		
EE2022 Electrical Energy Systems	4		
EE2026 Digital Design or EE2028			
Microcontroller Programming and	4	NOC	
Interfacing			
PC2020 Electromagnetics for Electrical	4		
Engineers	4		
Sub-total	18	Sub-total Sub-total	20

Semester 7	MCs	Semester 8	MCs
EG4301 DCP Dissertation	6	EG4301 DCP Dissertation	6
Technical Elective 1	4	Technical Elective 2	4
GE *	4	UE	4
GE *	4	UE	4
Sub-total	18	Sub-total Sub-total	18

[^] Students can only take EG2310 or EG2301 in this semester. Those who wish to take EG2201A (in lieu of EG2310) and EG2311/EG2606B (in lieu of EG2301) may clear both modules concurrently in Semester 3.

A one-semester NOC programme comprises the following modules:

- TR3202S Start-up Internship Programme (12 MCs) replaces EG3611A (10 MCs) and EG2401A (2 MCs)
- TR3204 Entrepreneurship Practicum (4 MCs) replaces Innovation & Enterprise Elective 1
- Entrepreneurship course (4 MCs) replaces Innovation & Enterprise Elective 2

^{*} Students in UTCP and RVRC will need to overload in Semesters 2 to 4 in order to clear these modules earlier.

(for students in Engineering Scholars Programme)

Semester 1	MCs	Semester 2	MCs
EE1111A Electrical Engineering Principles and Practice I	4	EE2111A Electrical Engineering Principles and Practice II	4
MA1511 Engineering Calculus	2	GEA1000 Quantitative Reasoning with Data	4
MA1512 Differential Equations for Engineering	2	DTK1234 Design Thinking	4
RC4 module 1 (replaces GE)	4	PF1101 Fundamentals of Project Management	4
Group B module for Second Major	4	RC4 module 2 (replaces GE)	4
UE (or IE2141 Systems Thinking & Dynamics if not in RC4)	4	EG3301R DCP Project	6
UE	4		
Sub-total	24	Sub-total	26

Semester 3	MCs	Semester 4 – NOC	MCs
EE2012 Analytical Methods in Electrical and Computer Engineering	4		
EE2023 Signals and Systems	4		
EE2027 Electronic Circuits	4	NOC	
RC4 module 3 (replaces GE)	4		
EG3301R DCP Project	6		
Group A module for Second Major	4		
Sub-total	26	Sub-total	20

Semester 5	MCs	Semester 6	MCs
EG4301 DCP Dissertation	6	EG4301 DCP Dissertation	6
EE2022 Electrical Energy Systems	4	EE2211 Introduction to Machine Learning	4
EE2026 Digital Design or EE2028			
Microcontroller Programming and	4	EG2501 Liveable Cities	4
Interfacing			
PC2020 Electromagnetics for Electrical	4	CDE2000 Creating Narratives	4
Engineers	4	CDL2000 Creating Narratives	4
RC4 module 4 (replaces ES2631 Critique			
and Communication of Thinking and	4	Technical Elective 1	4
Design)			
UE	4	Technical Elective 2	4
Sub-total Sub-total	26	Sub-total	26

Students must complete the following modules before Semester 1 through advanced placement credits:

- CS1010E Programming Methodology (4 MCs)
- MA1508E Linear Algebra for Engineering (4 MCs) using MA2001 Linear Algebra
- EG1311 Design & Make (4 MCs)

A one-semester NOC programme comprises the following modules:

- TR3202S Start-up Internship Programme (12 MCs) replaces EG3611A (10 MCs) and EG2401A (2 MCs)
- TR3204 Entrepreneurship Practicum (4 MCs) replaces Innovation & Enterprise Elective 1
- Entrepreneurship course (4 MCs) replaces Innovation & Enterprise Elective 2

Students who are not going on NOC must read EG2101 Pathways to Engineering Leadership in lieu of EG2401A.

Recommended semester schedule - poly-intake students

(for students who are not required to take MA1301)

Semester 1	MCs	Semester 2	MCs
EE1111A Electrical Engineering Principles	4	EE2111A Electrical Engineering Principles	4
and Practice I	4	and Practice II	4
CS1010E Programming Methodology	4	GEA1000 Quantitative Reasoning with	4
CSTOTOE Programming Methodology		Data	4
MA1511 Engineering Calculus	2	MA1508E Linear Algebra for Engineering	4
MA1512 Differential Equations for	2	PF1101 Fundamentals of Project	4
Engineering	2	Management	4
PC1201 Fundamentals of Physics	4	FC3301B DCB Dvalact	_
(UEM)	4	EG3301R DCP Project	6
Group A/B module for Second Major ^	4	Group A/B module for Second Major	4
Sub-total	20	Sub-total	26

Semester 3	MCs	Semester 4	MCs
EE2022 Electrical Energy Systems	4	EE2012 Analytical Methods in Electrical and Computer Engineering	4
EE2026 Digital Design <u>or</u> EE2028 Microcontroller Programming and Interfacing	4	EE2023 Signals and Systems	4
EE2027 Electronic Circuits	4	PC2020 Electromagnetics for Electrical Engineers	4
ES2631 Critique and Communication of Thinking and Design	4	EE2211 Introduction to Machine Learning	4
IE2141 Systems Thinking & Dynamics	4	EG2501 Liveable Cities	4
EG3301R DCP Project	6	CDE2000 Creating Narratives	4
Sub-total	26	Sub-total Sub-total	24

Semester 5	MCs	Semester 6	MCs
EG4301 DCP Dissertation	6	EG4301 DCP Dissertation	6
Innovation & Enterprise Elective 1	4	Innovation & Enterprise Elective 2	4
EG2401A Engineering Professionalism	2	Technical Elective 1	4
GE	4	Technical Elective 2	4
GE	4	GE	4
Sub-total	20	Sub-total	22

[^] Students are recommended to take EG2201A in this semester. Those who wish to take EG2310 (in lieu of EG2201A) should take EG2301/EG2311/EG2606B in Semester 1 and EG2310 in Semester 2.

Poly-intake students with accredited diplomas will receive the following exemptions:

- DTK1234 Design Thinking (4 MCs)
- EG1311 Design & Make (4 MCs)
- EG3611A Industrial Attachment (10 MCs)
- Unrestricted elective modules (20 MCs)

Recommended semester schedule - poly-intake students

(for students who are required to take MA1301)

Semester 1	MCs	Semester 2	MCs
EE1111A Electrical Engineering Principles and Practice I	4	EE2111A Electrical Engineering Principles and Practice II	4
and Practice i			
CS1010E Programming Methodology	4	GEA1000 Quantitative Reasoning with	4
cololol rogianing methodology	1	Data	•
MA1301 Introductory Mathematics	4	MA1511 Engineering Calculus	2
(UEM)	4	WAISTI Engineering Calculus	2
PC1201 Fundamentals of Physics	4	MA1512 Differential Equations for	2
(UEM)	4	Engineering	2
Group A/B module for Second Major ^	4	PF1101 Fundamentals of Project	4
Group A/B module for Second Major A	4	Management	4
		EG3301R DCP Project	6
		Group A/B module for Second Major	4
Sub-total	20	Sub-total	26

Semester 3	MCs	Semester 4	MCs
MA1508E Linear Algebra for Engineering	4	EE2012 Analytical Methods in Electrical and Computer Engineering	4
EE2022 Electrical Energy Systems	4	EE2023 Signals and Systems	4
EE2026 Digital Design <u>or</u> EE2028 Microcontroller Programming and Interfacing	4	PC2020 Electromagnetics for Electrical Engineers	4
EE2027 Electronic Circuits	4	EE2211 Introduction to Machine Learning	4
ES2631 Critique and Communication of Thinking and Design	4	EG2501 Liveable Cities	4
EG3301R DCP Project	6	CDE2000 Creating Narratives	4
Sub-total	26	Sub-total Sub-total	24

Semester 5	MCs	Semester 6	MCs
EG4301 DCP Dissertation	6	EG4301 DCP Dissertation	6
Innovation & Enterprise Elective 1	4	Innovation & Enterprise Elective 2	4
IE2141 Systems Thinking & Dynamics	4	Technical Elective 1	4
EG2401A Engineering Professionalism	2	Technical Elective 2	4
GE	4	GE	4
GE	4		
Sub-total Sub-total	24	Sub-total Sub-total	22

[^] Students are recommended to take EG2201A in this semester. Those who wish to take EG2310 (in lieu of EG2201A) should take EG2301/EG2311/EG2606B in Semester 1 and EG2310 in Semester 2.

Poly-intake students with accredited diplomas will receive the following exemptions:

- DTK1234 Design Thinking (4 MCs)
- EG1311 Design & Make (4 MCs)
- EG3611A Industrial Attachment (10 MCs)
- Unrestricted elective modules (20 MCs)