

#	Programme
1	Welcome Address by Assoc Prof CK Tham, Chair, Joint Academic Committee (JAC)
2	Academic Matters by Assoc Prof V Bharadwaj, CEG Year 3 Coordinator
3	Talk by Ms Karen Tan, Careers Advisor, Centre for Future-ready Graduates
4	Cohort Representative Election by Ms Sakai Naomi, ECE USC

## Joint Department Briefing for CEG3

**10 August 2017, 12pm @ LT3**

A/Prof Bharadwaj Veeravalli [elebv@nus.edu.sg](mailto:elebv@nus.edu.sg)  
CEG Year 3 Coordinator  
Joint Academic Committee (JAC)  
Department of Electrical & Computer Engineering

## PwC Prize for Whole Leadership

Donated by Pricewaterhouse Coopers LLP (PwC Singapore)

If you qualify (i.e. demonstrated academic and non-academic excellence) and are keen to be considered for the nomination, please forward a copy of your completed CV and email Winnie, by 14 August 2017 (Monday).

Late application (received thereafter) will Not be considered.

Refer to [http://www.ceg.nus.edu.sg/students/awards\\_commencement.html](http://www.ceg.nus.edu.sg/students/awards_commencement.html) for the winner(s) in early-Sept.

## Full Degree Programme Requirements (for AY2015/16 Direct intake)

Programme Requirements	University Level Requirements	Unrestricted Elective Requirements
124 MCs	In lieu of "Asking Questions" pillar, AY15 intake are required to read an additional module from either GEH, GES or GET1xxx. RVRC residents read GEM1917 as fulfilment of the "Asking Questions" pillar. GEQ1000 is only available to AY16 intake (& after).	16 MCs, drawn from various modules offered across NUS
Total MCs = 160		

Class of Honours: determined by CAP

[http://www.ceg.nus.edu.sg/students/FFG\\_Checklists.html](http://www.ceg.nus.edu.sg/students/FFG_Checklists.html)


To Graduate

## CEG AY2015/16 Direct intake Programme/Major Requirements

Programme Components	Modules	MCs
Non-technical requirements common to all B.Eng. students	<ul style="list-style-type: none"> <li>▪ CS2101 Effective Comm for Computing Professionals</li> <li>▪ HR2002 Human Capital in Organizations</li> <li>▪ EG2401 Engineering Professionalism</li> </ul>	10
Core Modules	<ul style="list-style-type: none"> <li style="width: 50%;">▪ CG1001 Intro to Comp Engrg</li> <li style="width: 50%;">▪ EE2020 Digital Fundamentals</li> <li style="width: 50%;">▪ CG1108 Electrical Engrg</li> <li style="width: 50%;">▪ EE2021 Devices &amp; Circuits</li> <li style="width: 50%;">▪ CG2023 Signals &amp; Systems</li> <li style="width: 50%;">▪ EE2024 Prog for Comp Interf</li> <li style="width: 50%;">▪ CG2271 Real-time OS</li> <li style="width: 50%;">▪ EE3204 Comp Comm Netw I</li> <li style="width: 50%;">▪ CG3207 Computer Arch</li> <li style="width: 50%;">▪ MA1505 Mathematics I</li> <li style="width: 50%;">▪ CS1010 Prog Methodology</li> <li style="width: 50%;">▪ MA1506 Mathematics II</li> <li style="width: 50%;">▪ CS1020 Data Struct &amp; Algor I</li> <li style="width: 50%;">▪ PC1432 Physics IIE</li> <li style="width: 50%;">▪ CS1231 Discrete Structures</li> <li style="width: 50%;">▪ ST2334 Probability &amp; Statistics</li> <li style="width: 50%;">▪ CS2103 Software Engrg</li> <li style="width: 50%;">▪ Industrial Attachment</li> </ul>	80
Projects	<ul style="list-style-type: none"> <li>▪ CG3002 Embedded Systems Design Project</li> <li>▪ EE3031 Innovation &amp; Enterprise I</li> <li>▪ CG4001 B.Eng. Dissertation</li> </ul>	22
Technical Electives	Minimum 12 MCs; at least two technical Depth electives (from any concentration)	12
<b>Total MCs for Programme Requirements</b>		<b>124</b>

POSSIBLE SCHEDULE FOR CEG AY2015 INTAKE STUDENTS							
Possible Schedule for CEG AY2015/16 Direct intake (with 6-months IA)							
Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
CG1001 Intro to Comp Engrg (2 MCs)	CG1108 Electrical Engineering	CS2101 Effective Comm for Computing Professionals	CG2023 Signals & Systems	CG3002 Embedded Systems Design Project (6 MCs)	CP3880 ATAP  or EG3601 IAP  (12 MCs)	CG4001 B.Eng. Dissertation	CG4001 B.Eng. Dissertation
CS1010 Programming Methodology	CS1020 Data Structures & Algorithms I	CS2103T Software Engrg	CG2271 Real-Time Operating Syst	CG3207 Computer Architecture		HR2002 Human Capital in Organizations (3 MCs)	Depth Elective
CS1231 Discrete Structures	MA1506 Math II	EE2020 Digital Fundamentals (5 MCs)	EE2024 Programming for Computer Interfaces (5 MCs)	EE3204 Computer Comms Networks I	EE3031 Innovation & Enterprise I	Breadth Elective	Depth Elective
MA1505 Math I	PC1432 Physics IIE	EE2021 Devices & Circuits	ST2334 Probability & Statistics	EG2401 Engrg Profsm (3 MCs)		UEM	UEM
GER1000 Quantitative Reasoning	GET1021 Critical Thinking & Writing	GES1xxx	GEH1xxx	GEQ1xxx	UEM*	UEM	
ES1102*							
18 MCs	20 MCs	21 MCs	21 MCs	21 MCs	20 MCs	21 MCs	18 MCs
TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 160 MCs							
<p style="text-align: center;">Alcatel-Lucent Telecommunications Prize      Offered in sem 1 (only), as evening module</p> <p style="text-align: center;">Best performance in a module in the area of Communications and Networks</p> <p style="text-align: center;"><a href="http://www.ceg.nus.edu.sg/students/studyschedule.html">http://www.ceg.nus.edu.sg/students/studyschedule.html</a></p>							

POSSIBLE SCHEDULE FOR CEG AY2015 INTAKE STUDENTS							
Possible Schedule for CEG AY2015/16 <b>Common Engrg</b> Intake (with 6 months IA)							
Sem 1, AY15/16	Sem 2	Sem 3, AY16/17	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
MA1505 Math I	CS1010E Programming Methodology (map to CS1010)	CG1001 Intro to Comp Engrg (2 MCs)	CG2023 Signals & Systems	CG3002 Embedded Systems Design Proj	IA* (12 MCs)	CG4001 B.Eng. Dissertation (6 MCs)	CG4001 B.Eng. Dissertation (6 MCs)
PC1431 (UEM 1)	EG1108 Electrical Engrg (map to CG1108)**	CS1020 Data Structures & Algorithms I	CG2271 Real-Time Operating Syst	CG3207 Computer Architecture		HR2002 Human Capital in Org. (3 MCs)	Depth Elective
MLE1101 (UEM 2)	MA1506 Math II	CS1231 Discrete Structures	CS2101 Effective Comm for Computing Professionals	EE3204 Computer Comms Networks I		Breadth Elective	Depth Elective
EG1109 (UEM 3)	PC1432 Physics IIE	EE2020 Digital Fundamentals (5 MCs)	CS2103T Software Engrg	ST2334 Probability & Statistics	EE3031 Inno & Enterprise I	GEQ1xxx	UEM 5
GER1000 Quantitative Reasoning	GET1021 Critical Thinking & Writing	EE2021 Devices & Circuits	EE2024 Prog for Computer Interfaces (5 MCs)	GEH1xxx	EG2401 Engrg Profsm.	UEM 4 (2 MCs)**	
ES1102*		GES1xxx					
20 MCs	19 MCs	23 MCs	21 MCs	22 MCs	19 MCs	19 MCs	18 MCs
TOTAL (MINIMUM) GRADUATION REQUIREMENTS - 160 MCs							
Alcatel-Lucent Telecommunications Prize      Sem 1 (only), as evening module <a href="http://www.ceg.nus.edu.sg/students/studyschedule.html">http://www.ceg.nus.edu.sg/students/studyschedule.html</a>							



## Full Degree Programme Requirements

(for **AY2016/17 Poly intake**)

Programme Requirements	University Level Requirements	Unrestricted Elective Requirements
125 MCs	1 x General Education Module (GEM) from: <ul style="list-style-type: none"> <li>• Human Cultures GEH1xxx</li> <li>• Quantitative Reasoning GER1000</li> <li>• Thinking and Expression GET1xxx</li> <li>• Singapore Studies GES1xxx</li> <li>• Asking Questions GEQ1000</li> </ul> 20 MCs (5 x 4 MCs each)	16 MCs, drawn from various modules offered across NUS <i>(exempted as APCs)</i>
Total MCs = 161		

To Graduate

Class of Honours: determined by CAP

[http://www.ceg.nus.edu.sg/students/FFG\\_Checklists.html](http://www.ceg.nus.edu.sg/students/FFG_Checklists.html)

## CEG AY2016/17 Poly Intake Programme/Major Requirements

Programme Components	Modules	MCs
Non-technical requirements common to all B.Eng. students	<ul style="list-style-type: none"> <li>▪ CS2101 Effective Comm for Computing Professionals (<i>exempted</i>)</li> <li>▪ EG2401 Engineering Professionalism</li> <li>▪ ES1531 Critical Thinking &amp; Writing</li> </ul>	11
Core Modules	<ul style="list-style-type: none"> <li>▪ CG1001 Intro to Comp Engrg</li> <li>▪ CG1108 Electrical Engrg</li> <li>▪ CG2023 Signals &amp; Systems</li> <li>▪ CG2271 Real-time OS</li> <li>▪ CG3207 Computer Arch</li> <li>▪ CS1010 Prog Methodology</li> <li>▪ CS1020 Data Struct &amp; Algor I</li> <li>▪ CS1231 Discrete Structures</li> <li>▪ CS2103 Software Engrg</li> <li>▪ EE2020 Digital Fundamentals</li> <li>▪ EE2021 Devices &amp; Circuits</li> <li>▪ EE2024 Prog for Comp Interf</li> <li>▪ EE3204 Comp Comm Netw I</li> <li>▪ MA1505 Mathematics I</li> <li>▪ MA1506 Mathematics II</li> <li>▪ PC1432 Physics IIE</li> <li>▪ ST2334 Probability &amp; Statistics</li> <li>▪ <del>IA</del> PC1222 + MA1301/TE + UEM (<i>exempted</i>)</li> </ul>	80
Projects	<ul style="list-style-type: none"> <li>▪ CG3002 Embedded Systems Design Project</li> <li>▪ EE3031 Innovation &amp; Enterprise I</li> <li>▪ CG4001 B.Eng. Dissertation (12 MCs)</li> </ul>	22
Technical Electives	Minimum 12 MCs; at least two technical Depth electives (from any concentration)	12
<b>Total MCs for Programme Requirements</b>		<b>125</b>

### POSSIBLE SCHEDULE FOR CEG AY2016 INTAKE STUDENTS

CEG AY2016/17 Poly Intake who are exempted from CG1108

Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6
CG1001 Intro to Comp Engrg (2 MCs)	CS1020 Data Structures & Algorithms I	CG2271 Real-Time Operating Syst	CG2023 Signals & Systems	CG4001 B.Eng. Dissertation (12 MCs)	
CS1010 Programming Methodology	EE2024 Programming for Computer Interfaces (5 MCs)	CS1231 Discrete Structures	CG3002 Embedded Systems Design Project (6 MCs)	CG3207 Computer Architecture	EE3031 Innovation & Enterprise I
MA1301 <sup>1,2</sup> Introductory Math	ES1531 Critical Thinking & Writing	CS2103 Software Engrg	EE3204 Computer Comms Networks I	EG2401 Engrg Profsm (3 MCs)	Technical Elective Depth
EE2020 Digital Fundamentals (5 MCs)	MA1505 Math I	MA1506 Math II	PC1432 Physics IIE	Technical Elective Breadth	Technical Elective Depth
GER1000 Quantitative Reasoning	GEQ1000 Asking Questions	PC1222 <sup>1</sup> Fundamentals of Physics II	ST2334 Probability & Statistics	GES1xxx	GET1xxx
ES1103* OR EE2021 Devices & Circuits		GEH1xxx			
<b>23 MCs</b>	<b>21 MCs</b>	<b>24 MCs</b>	<b>22 MCs</b>	<b>21 MCs</b>	<b>22 MCs</b>
<b>TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 161 MCs (or 165 MCs)*</b>					

Alcatel-Lucent Telecommunications Prize

If possible, avoid taking CG3002 & FYP in the same semester

<http://www.ceg.nus.edu.sg/students/studyschedule.html>

POSSIBLE SCHEDULE FOR CEG AY2016 INTAKE STUDENTS						
CEG AY2016/17 Poly Intake who are <b>NOT</b> exempted from CG1108						
Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7
CG1001 Intro to Comp Engrg (2 MCs)	CG1108 Electrical Engineering	CS2103 Software Engrg	CG2023 Signals & Systems	CG3002 Embedded Systems Design Project (6 MCs)	CG4001 B.Eng. Dissertation (12 MCs)	
CS1010E Programming Methodology	CS1020 Data Structures & Algorithms I	EE2020 Digital Fundamentals (5 MCs)	CG2271 Real-Time Operating Syst	CG3207 Computer Architecture	EG2401 Engrg Profsm (3 MCs)	Technical Elective Depth
MA1301 <sup>1,2</sup> Introductory Math	CS1231 Discrete Structures	EE2021 Devices & Circuits	EE2024 Programming for Computer Interfaces (5 MCs)	EE3204 Computer Comms Networks I	EE3031 Innovation & Enterprise I	Technical Elective Depth
PC1222 <sup>2</sup> Fundamentals of Physics II	MA1505 Math I	MA1506 Math II	PC1432 Physics IIE	ST2334 Probability & Statistics	Technical Elective Breadth	
GER1000 Quantitative Reasoning	ES1531 Critical Thinking & Writing	GEQ1000 Asking Questions	GEH1xxx	GES1xxx	GET1xxx	
ES1103*						
18 / 22 MCs	20 MCs	21 MCs	21 MCs	22 MCs	21 MCs	14 MCs
TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 161 MCs (or 165 MCs)*						

If possible, avoid taking CG3002 & FYP in the same semester  
<http://www.ceg.nus.edu.sg/students/studyschedule.html>



## Three Differentiated Pathways

	Internship	FYP	Pathway requirements
PPP	Not Applicable for Poly intakes	CG4001	CS2103/T & EE3031
iDCP		Refer to iDCP site <a href="http://www.eng.nus.edu.sg/edic/programme-requirements.html">http://www.eng.nus.edu.sg/edic/programme-requirements.html</a>	
RfP		Research-based FYP	TE #1: CS4/CS5/EE5 modules TE #2: CS4/EE4/CS5/EE5 modules

If keen in:

- iDCP, will need to take a couple of design-related modules (as UEM).
- RfP, highly recommended to take CS2309 [CS Research Methodology](#) or EG2605 Undergraduate Research Opportunities Programme, as UEM (to help in decision-making).

Refer to the [pathway mappings for CEG AY2016/17](#)

## Industrial Attachment in Sem 2, AY17/18

- Compulsory 6-months IA  
Only Poly, DDP and GEP students are exempted/can read other modules in lieu of IA.
- Do look out for the eblast on application (for attachment from January – June 2018) from FoE OR SoC, around mid-Aug/early-Sept.

## Considerations for Planning

- Core Modules harder than Electives
- Honours Classification: CAP, not years
- Maximum Candidature: 5 years
- Tuition Fees Rebate  
(more applicable/relevant for direct intake)
- Strategy in Planning for Borderline Cases
- Special Terms
- Compulsory 6-months Industrial Attachment  
May take (up to) two evening modules

Refer to: <http://www.ceg.nus.edu.sg/ia/>

## Grade Point System

### Grade Point (GP)

A+/A	A-	B+	B	B-	C+	C	D+	D	F
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0

### Cumulative Average Point (CAP)

$$(\sum MC_i \times GP_i) / (\sum MC_i)$$

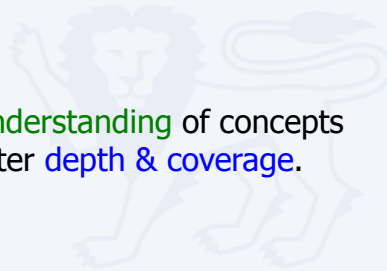
### Honours Classification

Honours (Highest Distinction)	CAP $\geq$ 4.5
Honours (Distinction)	CAP 4.0 to 4.49
Honours (Merit)	CAP 3.5 to 3.99
Honours	CAP 3.0 to 3.49
Pass	CAP 2.0 to 2.99



## Breadth/Depth Electives

- The technical Breadth/Depth electives are grouped into six concentrations, as follows:
  - Communications & Networking
  - Embedded Computing
  - Large-Scale Computing
  - Intelligent Systems
  - Interactive Digital Media
  - System-On-a-Chip Design
- Breadth electives provide broad understanding of concepts while depth electives provide greater depth & coverage.



## Breadth/Depth Electives

(Sample)

### Embedded Computing

Breadth	CS2010 Data Structures & Algorithms II
	CS2104 Programming Language Concepts
	CS2107 Introduction to Information Security
	CS2108 Introduction to Media Computing
	CS3103 Computer Networks Practice
	CS3218 Multimodal Processing in Mobile Platforms
	CS3230 Design & Analysis of Algorithms
	CS3235 Computer Security
Depth	EE3206 Introduction to Computer Vision and Image Processing
	CS4212 Compiler Design
	CS4222 Wireless Networking
	CS4236 Cryptography Theory & Practice
	CS4238 Computer Security Practice
	EE4210 Computer Communications Networks II
	EE4214 Real-time Embedded Systems
	EE4218 Embedded Hardware System Design
EE4415 Integrated Digital Design	



## Breadth/Depth Electives

You can choose technical electives from **any** concentrations  
- Add up to at least 12 MCs AND at least two **Depth** electives

Master-list of TEs listed in the six concentrations:

[http://ceg.nus.edu.sg/students/documents/MasterlistCEGTechnicalElectivesAY14Intake\\_nAfter\\_Jul17.pdf](http://ceg.nus.edu.sg/students/documents/MasterlistCEGTechnicalElectivesAY14Intake_nAfter_Jul17.pdf)

Advisory to help you, not mandatory; refer to

[http://www.ceb.nus.edu.sg/students/documents/Advisory\\_NewCEGConc\\_23Jul13.pdf](http://www.ceb.nus.edu.sg/students/documents/Advisory_NewCEGConc_23Jul13.pdf)

Also encouraged to attend industry talks organised by the Department,  
Faculty of Engineering, School of Computing and/or  
NUS Centre for Future-ready Graduates.

Refer to [CEG TE page](#) for the complete/updated list of modules.

## CEG Technical Electives

Other modules hosted by CS or ECE may be used to fulfill CEG  
Technical Elective (TE) requirements.

Generally, a **CS/EE level 3000** module will count as CEG TE **Breadth**,  
while a **CS/EE level 4000** will count as CEG TE **Depth**.

The following level 2000 modules may count as CEG TE **Breadth**:

**EE2011 Engineering Electromagnetics**

**EE2025 Power Electronics**

**IE2110 Operation Research I**

**IE2130 Quality Engineering I**

Recommended to take more technical electives, and declare the 'extras'  
as UEM.

## S/U Grading Option / Grade-free First Semester (For AY2014 & AY2015 intakes)

- Exercise S/U option up to 20 MCs in the first semester, and up to 12 MCs in subsequent semesters
- Once an 'S' or 'U' grade is assigned to a module, it will count towards the 32 MCs limit that can be taken on an S/U basis.

The S/U option can be exercised on:

- All level 1000 modules (except for the English for Academic Purposes modules)
- Level 2000 modules with no other NUS modules as pre-requisites (unless otherwise stipulated by the Facs/Depts)

...

i.e. CANNOT exercise S/U option on technical electives.

## S/U Grading Option / Grade-free Scheme (For AY2016 intake and after)

- Exercise S/U option for up to 32 MCs in the first two regular semesters and if not fully utilised, up to 12 MCs in subsequent semesters.
- Once an 'S' or 'U' grade is assigned to a module, it will count towards the 32 MCs limit that can be taken on an S/U basis.

The S/U option can be exercised on:

- All level 1000 modules (except for the English for Academic Purposes modules)
- Level 2000 modules with no other NUS modules as pre-requisites (unless otherwise stipulated by the Facs/Depts)

...

i.e. CANNOT exercise S/U option on technical electives.

# B.Eng. Dissertation CG4001

also known as **Final Year Project/FYP**

<http://www.ceg.nus.edu.sg/CG4001/>

## FYP Eligibility

To bid for/select FYP, student must have “passed” **at least 112 MCs** (including modules registered in the bidding semester)

**Students away on NOC/SEP, etc are also eligible to select**

Their sum of MCs will typically be under 112 (until their return and credit transfer has been processed), thus provisional MCs will be added, to enable them to bid.

They can also access the Project Administration System from abroad and consult potential supervisors via email.

Students are **NOT allowed** to do SEP/NOC/internship with FYP concurrently.

## FYP Selection Timeline

For students **starting** CG4001 in **Sem 2, AY17/18**; presenting in Sem 1, AY18/19

Description	Date
<b>Round 1 Selection Exercise</b> 1a. Discuss with supervisor 1b. Students to indicate project online after discussion with supervisors 1c. Staff to indicate their choice online 1d. Update via project admin	1a. Week 7 (5 days): 2 – 6 Oct 1b. Week 8 (3 days): 9 – 11 Oct 1c. Week 8 Friday: 13 Oct 1d. Week 9 Friday: 20 Oct
<b>Round 2 Selection Exercise</b> 2a. Discuss with supervisor 2b. Students (unsuccessful in round 1) to indicate project online after discussion with supervisors 2c. Staff to indicate their choice online 2d. Update via project admin	2a. Week 10 (5 days): 23 - 27 Oct 2b. Week 11 (3 days): 30 Oct - 1 Nov 2c. Week 11 Friday: 3 Nov 2d. Week 12 Friday: 10 Nov
<b>Manual Registration</b>	Week 13 till Week 1 of sem 2, AY17/18

Refer to [http://ceg.nus.edu.sg/CG4001/proj\\_select/index.html](http://ceg.nus.edu.sg/CG4001/proj_select/index.html)

## FYP Selection Timeline

For students **starting** CG4001 in **Sem 1, AY18/19**; presenting in Sem 2, AY18/19

Description	Date
<b>Round 1 Selection Exercise</b> 1a. Discuss with supervisor 1b. Students to indicate project online after discussion with supervisors 1c. Staff to indicate their choice online 1d. Update via project admin	1a. Week 7 (5 days): 5 - 9 Mar 1b. Week 8 (3 days): 12 - 14 Mar 1c. Week 8 Friday: 16 Mar 1d. Week 9 Friday: 23 Mar
<b>Round 2 Selection Exercise</b> 2a. Discuss with supervisor 2b. Students (unsuccessful in round 1) to indicate project online after discussion with supervisors 2c. Staff to indicate their choice online 2d. Update via project admin	2a. Week 10 (5 days): 26 - 30 Mar 2b. Week 11 (3 days): 2 - 4 Apr 2c. Week 11 Friday: 6 Apr 2d. Week 12 Friday: 13 Apr
<b>Manual Registration</b>	Week 13 till Week 1 of sem 1, AY18/19

Refer to [http://ceg.nus.edu.sg/CG4001/proj\\_select/index.html](http://ceg.nus.edu.sg/CG4001/proj_select/index.html)

## FYP Selection: Round 1 Rules

All students who have accumulated 112 MCs are eligible to select (staff-proposed projects) in round 1.

Students may select up to three projects.

Staff is allowed to select up to **five** students in this round, regardless the number of students for the multiple projects proposed by him/her.

System makes the final allocation based on student and staff choice.

## FYP Selection: Round 2 Rules

All eligible students who are unsuccessful from round 1, will continue in round 2.

Students may select up to three projects.

Staff is allowed to select up to five students (including allocation from round 1).

System makes the final allocation based on student and staff choice.

## FYP Selection: Manual Registration

After both rounds of project selection have concluded, for manual registration, the staff will need to email the FYP administrator, indicating that they are willing to assign their project(s) to student(s), with the following details:

Project ID  
Project Title  
Student Name  
Student Number



## Integrated Industrial FYP Extend IA/internship into industrial FYP (and complete within 6-months)

Refer to:

<http://www.ceg.nus.edu.sg/ia/>

[http://www.ceg.nus.edu.sg/CG4001/proj\\_select/](http://www.ceg.nus.edu.sg/CG4001/proj_select/)



## Integrated Industrial FYP

Integrated industrial FYPs are only for those who have done IA or internship, and found a suitable project with the company.

Subjected to approval of JAC

Submit proposal to JAC

Problem & Objectives

Status of work for the first three or six months

Proposed Methodology

Proposed Deliverables

Availability of Resources for work

The overall structure is similar to a regular FYP, except that the timeline will be halved. There will be TWO supervisors – academic supervisor from CS/ECE & an industry supervisor from the company. Each contributes half of the marks to be awarded by the Supervisor.

The final presentation of IIFYPs follow the same time as final presentation of regular FYPs.

## Academic Dishonesty - Plagiarism

- All students share the responsibility for upholding the academic standards and reputation of the University. Academic honesty is a prerequisite condition in the pursuit and acquisition of knowledge.
- Academic dishonesty is any misrepresentation with the intent to deceive or failure to acknowledge the source or falsification of information or inaccuracy of statements or cheating at examinations/tests or inappropriate use of resources.
- There are many forms of academic dishonesty and plagiarism is one of them. Plagiarism is generally defined as 'the practice of taking someone else's work or ideas and passing them off as one's own'
- *The University does not condone plagiarism.*

[www.comp.nus.edu.sg/cug/plagiarism/](http://www.comp.nus.edu.sg/cug/plagiarism/)  
[www.eng.nus.edu.sg/ugrad/SI\\_plagiarism.html](http://www.eng.nus.edu.sg/ugrad/SI_plagiarism.html)



## Academic Advisor (AA)

- **Each CEG student has an Academic Advisor (AA)**
  - Offers academic advice & even counselling
  - Can write letters of recommendation
- **Try to meet your Academic Advisor regularly**
- **You are encouraged to upload your biodata to the [AA system](#) to allow your AA to know you better**

## Academic and Emotional Support

- Department
  - Peer Tutoring Scheme - Interested junior students will be paired with passionate seniors who had performed well in year 1 & 2 core modules and are keen to volunteer their time to help the juniors
  - ECE Caregroup (alternate weeks) - Goal setting, making new friendships, coping with exam stress
  - If keen, email Ms Nicole Phua @ [elepwn@nus.edu.sg](mailto:elepwn@nus.edu.sg)
- Faculty of Engineering
  - Mr Martin Nonis, Student Support Manager @ [engnmm@nus.edu.sg](mailto:engnmm@nus.edu.sg)
- School of Computing
  - Ms Adele Chiew, Student Support Manager @ [comcmla@nus.edu.sg](mailto:comcmla@nus.edu.sg)

## University Health, Wellness & Counselling Centre

### Emotional & Psychological Well Being

- Anxiety, Depression
- Mental Health, Self-Worth, Shyness, Stress
- Eating Disorders
- Sudden Loss and Grief
- Feelings, Loneliness

### Relationship Issues

- Abusive Relationships, Family Stress, Managing Conflicts, Surviving a Breakup

### Personal Effectiveness

- Decision Making, Motivation, Test Anxiety, Time Management, Challenges of University Life

<http://www.nus.edu.sg/uhc/services/mental-health/student.html>

COUNSELLING & PSYCHOLOGICAL SERVICES

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# Q&A

