

#	Programme
1	Welcome Address by Assoc Prof CK Tham
2	FYP & Academic Matters by Assoc Prof MC Chan
3	Engineering FYP Information Literacy 2017/18 by Mr Wong Shao Mun
4	Cohort Representative Election by Ms Sakai Naomi
5	Refreshment

Calling for Achievements in
Competitions, Projects, Sports, etc.,
so that we can broadcast!



Refer to <http://www.ceb.nus.edu.sg/students/achievements.html>



CEG₃ & CEG₄ students: Email to Winnie cegcwn@nus.edu.sg
CEG₁ & CEG₂ students: Email to Mun Bak lowmb@nus.edu.sg

Faculty of Engineering
Career Advisor
for Computer Engineering

School of Computing Career Advisory Team



Tan Yi Hui Karen
karentanyh@nus.edu.sg

Lim Kwee Lee
kweelee.lim@nus.edu.sg

Gregory He
gregory_he@nus.edu.sg

SoC Career workshops & events – refer to <http://bit.ly/soccareerevents>



FYP & Academic Matters

Assoc Prof MC Chan
CEG FYP & Year 4 Coordinator

CG4001 B.Eng. Dissertation

- Also known as Final Year Project (FYP)
- Objectives:
 - Embark on a project that involves a mix of research, design and development components
 - Apply knowledge and skills acquired in the classroom to develop innovative ways of solving problems
 - Acquire skills for independent and lifelong learning

Cont'd

- Putting what you have learnt together, from “hard” to “soft” skills
 - Define problem
 - Solve problem, justify decision
 - Present and communicate ideas
 - Write and organize ideas clearly
 - Manage your time

Why is FYP important?

- Programme Requirement, 12 MCs
- Large (over 2 semesters) project + individual effort
 - One of your main “portfolio” in your undergraduate studies
- A chance to work closely with a faculty member
 - You need a reference someday

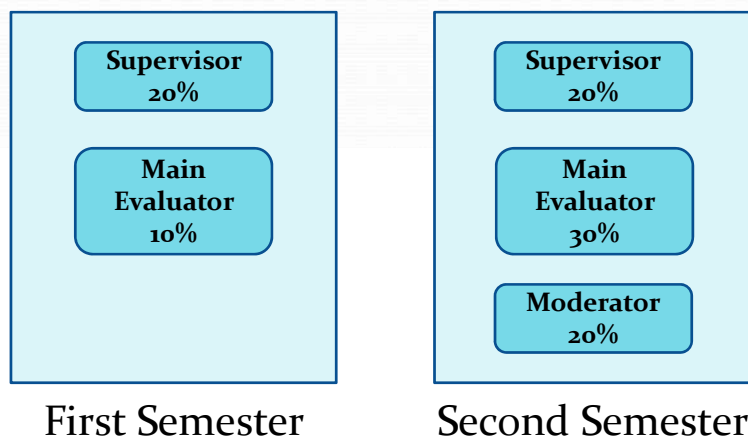
CEG – FYP Management

CG4001 FYP site <http://www.ceb.nus.edu.sg/CG4001/>

FYP Assessment – Timeline

- First Semester: Continual Assessment
 - (Week 12) Report
 - (Reading Week) “Informal” Presentation
- Second Semester: Final Assessment
 - (Week 12) Report
 - (Reading Week) Formal Presentation
- Final Report/Survey
 - (Week after exam) Upload Report Soft Copy + Submit Exit Survey and FYP Survey online

Evaluation



First Semester

Second Semester

Assessors at Continual Assessment

- Supervisor (20%)
 - 1. Understanding
 - 2. Execution & Overall Achievements
 - 3. Effort
 - 4. Initiative
 - 5. Interim Report
- Main Evaluator (10%)
 - 1. Oral presentation
 - 2. Report: Statement of Problem
 - 3. Report: Critical Evaluation of Literature
 - 4. Report: Organization
 - 5. Overall Methodology
 - 6. Overall Implementation & Analysis

Assessors at Final Assessment

- Supervisor (20%)
 - 1. Report: Statement of Problem
 - 2. Report: Critical Evaluation of Literature
 - 3. Report: Organization
 - 4. Overall
 - 5. Overall Implementation & Analysis

Assessors at Final Assessment

- Main Evaluator (same person as CA) (30%)
 - 1. Oral presentation
 - 2. Overall Methodology
 - 3. Overall Implementation & Analysis
 - 4. Report: Statement of Problem
 - 5. Report: Critical Evaluation of Literature
 - 6. Report: Organization
- Moderator (20%)
 - 1. Oral presentation
 - 2. Overall Methodology
 - 3. Overall Implementation & Analysis

Student Feedback – A Sample

A sample of feedbacks (edited and summarized)

- I'm glad to have gone through the experience
- ... real work is subject to change and I have to be versatile FYP is definitely one of the most meaningful module to me.
- Great experience, eye opener, learnt many new things beyond lectures
- ... CEGers are not required to do final year project (in the future). I do think this is bad news for them ...

Student Feedback – A Sample (cont'd)

- The project honestly wasn't easy, but a fruitful experience nonetheless.
- Steep learning curve, as there was no bridge between taking modules and beginning research.
- FYP is difficult but necessary
- The entire FYP journey was filled with ups and downs

FYP – Things to Remember

- You have to take the initiative
- Meet your supervisor regularly and seek help when you encounter problems
 - Request for meetings
 - Setup regular appointments
- Find out from your supervisor what is the expectation
- Manage your time, make sure you are making progress along the way and not wait till end of the project and start to panic

ECE FYP Poster Competition

- FYP supervisors to recommend their students based on good progress and achievements-to-date in their FYP.
- Poster competition to be held in Week 13 of Semester 2 (date to be confirmed later).
- Nominated students to prepare an A1-size poster on their FYP and present their work to a judging panel.
- Three prizes worth \$200, \$150 and \$100 plus certificate.

SoC FYP/UROP Innovation Award

- Recognise students who have developed innovative, practical and commercialisable ideas with the potential of substantial real-world impact.
- The successful awardee will win a cash prize up to S\$2,000.
- The Singapore Infocomm Technology Federation (SiTF) looks to review some of the promising projects for funding under the 123JumpStart where selected *project can potentially be funded up to \$250,000.*
- www.comp.nus.edu.sg/entrepreneurship/awards/

S/U Rules / Grade-free First Semester

For students from AY2014 intake

Refer to Registrar's Office page on S/U Option Matters
- <https://myportal.nus.edu.sg/studentportal/academics/ug/cohort-201415-and-201516.html>

Grade-free First Semester

AY2014 intake

- 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.**

Technical Electives AY2014 intake

- To achieve depth, CEG students need to read a minimum of two depth electives.
- All technical electives must add up to at least 12 MCs
- Modules hosted by CS or ECE may be used to fulfill CEG Technical Elective (TE) requirements. Generally, a level 3000 module will count as CEG TE Breadth, while a level 4000 will count as CEG TE Depth.
- EE2011, EE2022/5, IE2110, IE2130 may count as CEG TE Breadth

<http://www.ceb.nus.edu.sg/curriculum/electives.html>

Taking Additional Technical Electives

- Students are encouraged to read more than the minimum number of Technical Electives (TE) that are required for their respective degree programme. These additional TEs can be declared as unrestricted electives (UE).
 - With effect from AY2011/2012, **all technical electives**, regardless of host department & module type code, will be on **graded basis**.
- FAQ:
 - Q: I have five technical electives under module type code 12. Can I use two of them to fulfill my UEM requirements?
 - A: Yes, you may do so under module type code 27 to fulfill UEM requirements. You can change the module type code yourself via 'Module Declaration' at the [Online DRC](#).
 - Q: Can I exercise my S/U option for those two 'TE-converted-to-UEM'?
 - A: No. They must be on graded basis.

Degree Requirement Check DRC

<https://www.engg.nus.edu.sg/degree/login.html>
(login via [WebVPN](#))

Degree Requirement Check (DRC)

- Intended as a 'guide' only, for students to check status of their graduation requirements.
- Refer to [Module Classification Guidelines](#)
- Declare your module(s), one by one, in the correct module type code using the 'Module Declaration' function.
- All USP, NOC and DDP students have to track the fulfillment of their requirements manually as the online DRC is unable to cater to the different mapping rules.

Degree Requirements Check (DRC)

- For AY2017/18, a couple of 'new' CS/EE modules have been added as CEG technical electives under the six concentrations.
- A handful of CS/EE modules (e.g. CS4345, EE4214) will NOT be offered in AY2017/18.
- The 'Technical Electives' page via DRC will be updated in due course.
- Do not solely rely on DRC.

File For Graduation

via CORS

FFG Checklist

http://www.ceb.nus.edu.sg/students/FFG_Checklists.html

File For Graduation (FFG)

- File for graduation via CORS *in the semester you intend to graduate in*
- It is **student's responsibility** to check if all graduation requirements (i.e. core programme including technical elective rules, ULR (SS, GEMs, Breadth) and UEM) have been fulfilled
- You should use FFG checklists to do manual check, then tally against DRC
- Do NOT solely use the total number of MCs
- Do NOT solely rely on DRC

Limit on Level 1000 modules

- Students should not read more than 60 MCs of level 1000 modules towards their degree requirements (minimum of 160 MCs for graduation).
- If a student exceeds the 60 MCs limit of level 1000 modules, some of the level 1000 modules taken as ULR/UE will not be counted towards the 160 MCs graduation requirement even though they will still count towards the CAP computation. Students may have to take a higher level (level 2000) ULR module (GEM/SS) in such a situation.

Code of Student Conduct

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/

Degree Classification

<http://www.nus.edu.sg/registrar/education-at-nus/undergraduate-education/continuation-and-graduation-requirements.html#DegreeClassification>

AY2012 intake & after

Grade Point

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

Awards

http://www.ceb.nus.edu.sg/students/awards_commencement.html

Awards for graduating CEG4

- IES Gold Medal
 - Top graduating student
- Lee Kuan Yew Gold Medal
 - Best performing graduate
- Defence Science Technology Agency Gold Medal
 - Best local final-year student
- Halbrecht Associates Prize
 - Second top student
- IEEE Singapore Computer Society Gold Medal & Prize
 - One of the top students
- IEEE Singapore Computer Society Book Prize
 - Best Honours Year term project (i.e. CG4001)

University Health, Wellness & Counselling Centre

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

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

COUNSELLING & PSYCHOLOGICAL SERVICES

Open House

COME JOIN US!
11 AUGUST 2017, 10AM-4PM





Q&A