Fourth Year First Day Meeting

CS/SE Fourth Year Adviser – Prof. Crawford Revie

(14/09/2020)

As we get started…

- I'm going to **record** this session for any who may not have been able to join live…

- Please mute your microphone and use the 'raise hand' icon if you wish to ask a question / make a comment

- You can also use the chat box to post a question to the group (or to a specfic attendee on the call)

- It would be good to know how familiar you all are with Zoom, so please select an answer from the poll that I am about to share…

Fourth year has a big impact on your degree

It is essential that you let us know of <u>any</u> circumstances that affect your studies as soon as possible

Degree Classification

- Honours
  - ¾ Level 4 classes, ¼ Level 3 classes
  - Each level credit is the weighted mean of first attempts
  - CS408 Individual Project is Level 4 and accounts to 40 out of the 120 Level 4 credits, i.e. 25% of your degree classification!

- MEng
  - ¾ Level 5 classes, ¼ Level 4 classes
  - Each level credit weighted mean

Fourth year is <u>different</u> to other years

(and 2020/2021 is likely to be even more so!)

Academic Year

- After a successful trial last year, teaching of CIS classes will be in <u>both</u> Semesters 1 and 2, with the individual project (CS408) running over the full year

- Exams for each CIS class will take place at the end of the semester in which it was taken

- This contrasts to the approach prior to 2019/20 where Semester 2 was exclusively dedicated to the project

- Your engagement with CS408 should already have started!!

Curriculum (1)

- Honours – 120 credits (you need them all to graduate)
  - CS408 Individual Project – 40 credits
  - CS4XX Computer Science/Software Eng. – 80 credits (that's 4 x 20 credit classes)
  - You are awarded the credits if you pass each of these
    - For the 80 credit "superclass" you pass if your credit weighted mean of the 4 classes is 40% or more
  - Software Engineering students also carry the CS415 Industrial Placement – 20 credits from last year
- MEng – 140 credits (either 'pass' if you have them all, or 'may proceed' otherwise)
  - CS408 Individual Project – 40 credits
  - CS4XX Computer Science – 80 credits (that's 4 x 20 credit classes)
  - CS416 Industrial Placement 1 – 20 credits

With the exception of the project (CS408) you don't pass/fail each class individually, rather all four 20 credit classes are considered as a group

Curriculum (2)

- CIS classes available (20 credits each)

  (see Syllabus pages for assignment/exam breakdown in Semester 1)
  - CS407 Computer Security (Sem 1)
  - CS409 Software Architecture and Design (Sem 1)
  - CS410 Advanced Functional Programming (Sem 1)
    - You <u>must</u> have passed CS316 Functional Programming to take this class
  - MS418 Project Management (Sem 1)
  - CS411 Theory of Computation: 30% / 70% (Sem 2)
  - CS412 Information Access and Mining: 30% / 70% (Sem 2)
  - CS414 Digital Forensics: 40% / 60% (Sem 2)

- For classes that have exams, these will be held in the <u>same</u> semester

Curriculum (3)

- CS Hons/MEng
  - **CS407 is compulsory**
  - Choose 3 more from those on the previous slide

- SE Hons
  - **CS407 <u>and</u> CS409 are compulsory**
  - Choose 2 more from those on the previous slide

We suggest that the ideal break-down of courses across the two semesters would be 2:2

However, to give a little more flexibility / choice we are prepared to offer the option of a 3:1 split, with a 'health warning' around the likely work-load in Semester 1.

We strongly discourage a 1:3 split. This structure will only be supported in <u>exceptional</u> circumstances. If you are in the situation where you feel that this is your only option you must email the 4th year tutor and also get your project supervisor to indicate that she/he is aware of and support this request.

Check that you have the correct curriculum

Request a curriculum amendment through *Pegasus*, any change in choices must be made before the end of the second week of the semester

Semester 1 timetable

	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5
Mon							MS418	MS418
Tue			CS409 Sync	CS407 Sync		CS407 Sync	CS410 Lab	CS410 Lab
Wed								
Thur		CS409 Lab	CS410 Lab					
Fri								

Semester 1 timetable (Week 1)

	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5
Mon							MS418	MS418
Tue		CS410 Sync	CS409 Sync	CS407 Sync		CS407 Sync	CS410 Lab	CS410 Lab
Wed								
Thur	CS409 Sync		CS410 Lab					
Fri								

Never too early to think about what are you going to do after you graduate

Careers

- Career Services have created a video to which you can find a link on the 4th Year *Noticeboard* page

- Consider our award/prize sponsors
  - Bridgeall - https://bridgeall.com/
    - Sponsor of the Babbage Prize

  - Leidos - https://www.leidos.com/company/global/uk-europe
    - Sponsor of the Honour and MEng Andrew McGettrick Prizes

  - Verint - https://www.verint.com/
    - Sponsor of the Best Project Presentation Award

CS408 – Individual Project

over to Rose…

Make sure that you are aware of the University policy on coursework lateness

10% lateness penalty on the first 24 hours, 5% per subsequent day

Some exemptions apply (e.g. large projects, group assignments, etc.)

The academic year does <u>not</u> end after your last exam, but on May 21st 2021
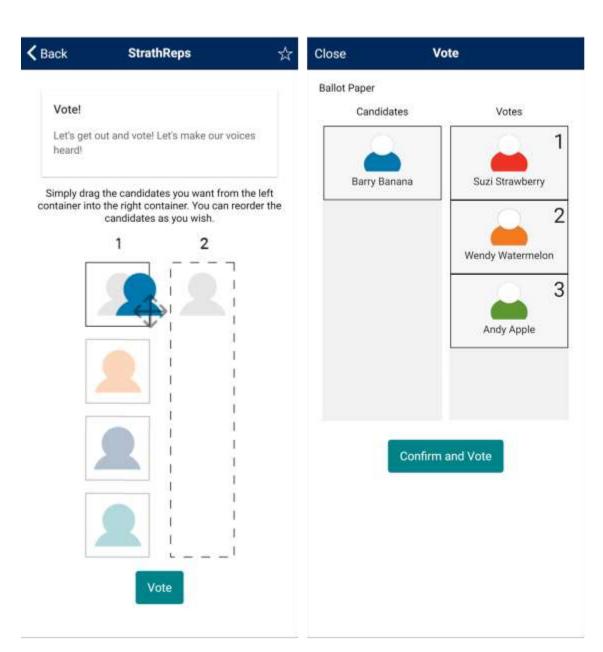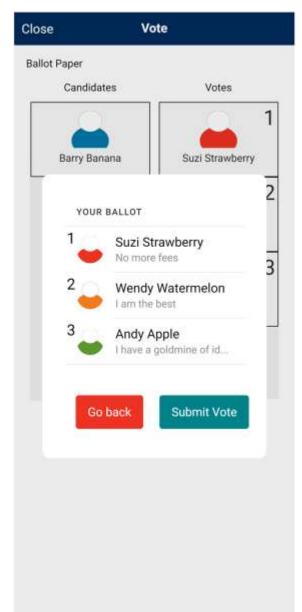
You should be available until that date…

We need (ideally, *new*) class reps

2 for CS Hons/MEng and SE

1 MCS/Data Analytics for all years

A new system to facilitate this remotely is due to be launched soon, but you could already be thinking about this and/or making gentle hints to some of your fellow students who you think would be good for the job.

Elections

Questions?