EE106: Semester 2 Logistics

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Semester 1 Summary

- Taught material and exercises
  - Spoon fed information

- To progress on to projects:
  - > 70% complete: progress to project phase
  - 60% - 70% complete: progress at own risk
    - Demo 100% of outstanding exercises in Week 11
  - <60% complete: Not Qualified (NQ)
    - No need to attend labs in this semester
    - Demo 100% of outstanding exercise in Week 11
    - Summer project – don't take any holidays!!!

- Project phase:
  - Self learning
  - Not based on taught materials
  - Group work!

Project Phase

- How it works
  - Teams
  - Topics
- Assessment
  - Marks
  - Dates

How it works

- You will be assigned to a team
    - 2 persons per team
- Each team must select 3 topics from a prescribed list
    - Topics available on my place
    - Teaching assistants will help choose final choice
    - Rank in order of preference

Assessment

- Semester 1 test: 20 %

- Semester 2 project 80%in total:
  - Interim specification 20%
  - Project demonstration 30%
  - Final report 30 %

Procedure

- Team submits preferences by end of Week 1
- Project topic allocated in Week 2
- Prepare an interim specification of project by Week 5
    - Discuss with Teaching Assistants/Tutors
- Produce final report and demonstration
    - Submit report to tutor
    - Demonstrate program in the lab
    - Week 10
- Plagiarism
    - Zero tolerance policy
    - If you copy to code of another group:
        - You will be awarded 0 points
        - You will be reported to the head of department

Approach

- Project designed to encourage initiative and self reliance
- You will be expected to learn on your own new areas of programming
  - Random number generation
  - Open APIs!!!!!!
  - Graphics (feel free to use a freeware library)
  - Documentation
  - This is an essential skill in programming

Interim Report

- Lucid description of project
- Decomposition in methods and objects
- A picture speaks a thousand words
  - Perhaps use [flowcharts](#)
  - Perhaps use [pseudo code](#)
- Timelines
- Who is doing what?
- [Software testing](#) procedure

Tips

- Find a way to share code:
  - Dropbox
  - Google Drive
  - Etc.
- Attendance in labs will be monitored
- Don't take a free ride from team mates
- Self reliance is paramount!

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