NANYANG TECHNOLOGICAL UNIVERSITY

CE2101/ CZ2101: Algorithm Design and Analysis

General Information for Example Classes

Example classes

- There will be **3 example classes**. They are in Weeks 4-5, 6-7 and 12-13.
- Each example class contains a mini-project. The 3 example classes have equal weightage.
- The performance of a student in example classes will constitute **20%** of his/her final marks for the course.
- Students will be allocated randomly into teams each of 3 – 4 members. The team allocation will be done by the lab supervisor and released to the students at the **lab group course site** on 23rd August.

Preparations and presentations

- ***Before each lab class, each group should have finished the practical work e.g. coding and testing of programs. You may code in any programming languages, e.g., Python, Java, C++, C, etc. on your own computers.***
- In each lab session, a team will have 10-minutes for presentation, including possible Q & As. **NO additional time will be given to any team**.
- All team members should arrive in the lab 5-10 minutes before their scheduled presentation time and may leave after their presentation.
- Any team who are late will have their presentation time cut short in order not to affect the next team's presentation. If a team cannot make a meaningful presentation, the team will get zero mark.
- The team presentation schedule within a lab session and the team formation file including team members email addresses will be uploaded into the **Information folder** of **your group's course site on 23rd August**.

Grading

- Students in the same group should work together to complete the projects. Generally, all team members should present and they get the same grade.
  - Anyone who is absent without a MC/LOA will get zero.
  - Anyone with a MC/LOA will get the same grade as other team members. (if one is absent for once or twice)
  - Team members should cover the parts for absent members – penalty for uncovered part(s).
  - If a student is on MC for more than twice, his/her whole example classes will be marked MC and the percentage (20%) will go into the final exam.

Grading

- Outstanding members may be awarded higher marks. Obviously weaker ones may be awarded lower marks.
- Students should fully utilise the given 10 minutes to let your lab supervisor understand your work. Teams will be graded on
  - correctness of the algorithm/program
  - correctness of the analysis (theoretical and empirical)
  - clarity of the presentation
- ***No submission is required for lab projects***