

CE5377/6077 Project Instructions

Aim: To illustrate and discuss the use of one or more numerical methods covered or relevant to the module.

Topic: See file on CE5377 or CE6077 project.

CA (20%): Report (8%), Presentation (7%), Participation (5%)

1. Explain clearly how you solve the problem, making use of what you have learnt in the module.
2. If additional information is required, read and understand how others have resolved the issue. Adapt and combine it with your numerical framework. Explain why such a strategy is chosen.
3. Present clearly your numerical implementation, including your Matlab file, for the problem considered.
4. Avoid using existing software to solve the problem, except for comparison purpose if needed.
5. There is no constraint on the report format or length. However, please be concise to highlight the key results. Explain the findings in a systematic flow. Do not present lots of data and figures without meaningful discussions (an indication that you are not able to interpret the results properly).
6. The report grade depends mainly on the clarity of report, quality of results and discussions, as well as conclusions and lesson learnt from this project.
7. Your classmates will help to grade your presentation. This reinforces the focus to explain the concepts, strategy and results clearly. If your classmates cannot understand the presentation, they cannot award high grades.
8. Bear in mind the time constraint. Do not make this into a mega-project!
9. Do your honest job. If you cannot complete the intended scope or achieve good results, report whatever you have done and the lesson learnt.
10. Sleeping members beware! There will be a peer evaluation on the contributions of each group member. You will receive a project grade based on your work done.
11. Compress the report and subroutines into a single zip file. Name the zip file as “**Project_Group?**”. Upload the file into IVLE folder “Student Submission” >> “Project” by **4 Oct 2017, 2359hrs**.
12. Penalty for plagiarism: 50-100% depending on the severity, plus disciplinary action!