EE5903 Simulation Report Rubrics

What to submit?

- Submit your report as a **PDF** document. Upload to LumiNUS "***CA 2 Student Submission Folder***" **together with the EXACT paper(s) you used in your work**.
- ZIP all the files (report + paper you used + code + README text file) and name the Zip file as:

ZIP File name –YOUR FULL NAME_MATRIC ID_CA2.zip

For your report use: **Report_**YOUR FULL NAME_MATRIC ID_CA2.pdf

Report Formatting Guidelines:

- **Single Column** format to be used;
- **Font**: Times New Roman 12pt [←This is in Times New Roman 12 pt]

First Page of your report – Title + Full Name + Matric ID **+ Mobile #** [**This page is not counted in the report tech writing mentioned below**]

Last Page of your report – Title: Coding effort (See the end of this document on what to write here) [**This page is not counted in the report tech writing mentioned below**]

Code file(s) – Pls put useful comments generously throughout in your code file for user/reader to understand the gist of computation taking place.

README.txt – Must contain clear instructions to facilitate running your program and use of data and parameters. If you are using any specific packages, list them and also indicate the URLs from where I can download. If I need to set any input parameters (hard coded way) explicitly state that requirement. Do NOT ASSUME anything and omit details. A step-by-step instruction will be very useful.

Page Limit – Title Page + Last Page + Max 7/8 Pages;

Total Marks for your CA2: 30 Marks (This submission is evaluated for 50 marks and will be normalized).

Criteria	Remarks	Points
Well-Defined Title & Abstract	Title must make full sense of your specific project – Should not be directly from the paper(s) you used Must capture the aim, objectives and algorithms used and highlight of results in not more than 10 lines;	2
Short Introduction of the Problem, model, and objective(s)	Need for the problem, motivation, Clear problem statement(s) – plain English; Problem statement using technical description (formulation of an objective func with constraints, etc);	3
Description of Input data / Parameters in detail	Describe your input data set / parameters clearly / Where did you generate and how did you generate?	3
Algorithm description	Describe the algorithms in a concise fashion – should not be a direct copy and paste from the paper(s); Clarity is important to demonstrating your understanding; Highlight any non-trivial decisions/steps that algorithm takes; You don't need to copy the algo given in the paper but can refer to it (cite it);	8
Simulation effort & Results discussions	Put all your simulation results in a systematic fashion under each sub section, point to the results and argue on the trends, behavior, results, etc, clearly. Do not put both the numerical tables and graphs – Use either one of them. Clearly interpret and	20

	discuss your graphs and try to relate to algorithms described in the earlier section. Example: "The trend shown in Fig. 3 is due to the computation step in Algorithm XX which is not present in Algorithm YY in Section XX above….." Point to cases what happens when ay parameter changes or identify the most influential parameters. A very clear organized, systematic writing and presentation with good interpretation is needed in this section. Extreme clarity in writing, presentation, and interpretation of your results is expected.	
Pitfalls/Disadvantages	Describe strengths and pitfalls of the algorithms, if any, clearly. Argue why algo(s) fails in certain conditions and what it does not consider, etc. You may describe here what you feel is right and wrong that is within the scope of formulations used in the paper;	3
Conclusions & reference(s) used	Conclude what the algorithms achieved, 2 or 3 points highlighting the advantages, comment on authors' claims and see if it is fair and argue on what is lacking in the formulation. Formally list the paper(s) & sites you used.	2
Overall flow in the presentation of contents, Page numbers, Figures, Table captions , clarity in presentation and writing.	Effective presentation as described;	4

Coding effort	Report here your coding effort; See notes below.	5
TOTAL MAKS		**50**

READ THIS IMPORTANT INFO:

Plagiarism Penalty: 50%

You are allowed to use only 5% of any written material collectively from all other sources. Anything more than this 5% will be penalized. References cited may show up in your plagiarism checker and you can ignore this percentage. Copying of simulation results directly will not awarded any marks (0 marks).

Notes on Last Page contents:

Attach ONE separate page titled "Coding Effort". Describe how much is your coding effort (quantify in %). If you had either directly or partly used any CODE(s) from ***github*** or from any other site, list those sites and point us exactly where you obtained those codes; If you have used others codes and did not list or cite the reference directly no marks will be awarded. Describe how you generated your data needed for your experiments. If you are using any tools for your experiments (not for data), then point to them. These also can be part of your references listing after conclusions.