

Computational Physics

PHYS-3600 (Fall 2022)

Final Project Rubric

Report (25% of grade)

The report is evaluated based on the following metrics. Each category is rated from 1 to 5 (with a brief description of ratings 1, 3 and 5), then the ratings are summed to arrive at the grade for the 25% of your total course grade. These categories do not need to be precisely defined in the report (e.g. by headings or sections). The methods may be defined along with code rather than the report without penalty.

Category	1	2	3	4	5	Notes
Background	Little to no background and/or motivation is provided		Some background and/or motivation is provided		Complete background and/or motivation is provided	
Category	1	2	3	4	5	Notes
Objectives	The objectives are ill-defined		Objectives are somewhat well-defined		Objectives of the project are well-defined.	
Category	1	2	3	4	5	Notes
Methods	Methods are ill-chosen or poorly defined.		Methods are appropriate and described		Methods are well-suited to problem and fully described.	
Category	1	2	3	4	5	Notes
Results	Little to no results presented that address the objectives		Some results are presented that address the objectives		Results address most or all of the stated objectives	
Category	1	2	3	4	5	Notes
Discussion	Little to no discussion of results		Some discussion of relation of results to background and objectives		Discussion of relation of results to background and objectives	

Code and documentation (15% of grade)

The code and documentation of the code is evaluated based on the following metrics. Each category is rated from 1 to 5 (with a brief description of ratings 1, 3 and 5), then the ratings are summed to arrive at the grade for the 15% of your total course grade.

Category	1	2	3	4	5	Notes
Correct?	The code does not run or address problem		The code contains some errors in implementation or methods		The code runs correctly only minor errors	
Category	1	2	3	4	5	Notes
Documented?	No documentation		Some documentation		Complete and thorough documentation	
Category	1	2	3	4	5	Notes
Benchmarks?	There are no benchmarks		Some benchmarks are performed		Appropriate benchmarks are performed for all major methods used	

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