

Computational Methods in Physics (PHY4605) - Lab Assignments

Aspect	Inadequate (0% - 24%)	Satisfactory (25% - 49%)	Good (50% - 74%)	Excellent (75 - 100%)
Understanding (20 points)	Inadequate understanding of the problem statement, significant misconceptions.	Adequate understanding of the problem statement, but with some misconceptions.	Clear understanding of the problem statement, with minor misconceptions if any.	Comprehensive understanding of the problem statement, no misconceptions.
Algorithm Development (25 points)	No attempt to develop an algorithm or incorrect algorithm implementation.	Partial attempt to develop an algorithm, but with significant errors.	Sound algorithm development with minor errors, or inefficient implementation.	Well-designed algorithm, efficiently implemented with no errors.
Code Quality (20 points)	Code is poorly structured, lacks comments, and contains numerous syntax errors.	Code structure is somewhat organized, with some comments, and few syntax errors.	Code is well-structured, adequately commented, and minimal syntax errors.	Code is exceptionally well-structured, extensively commented, and error-free.
Results and Analysis (20 points)	Results are incorrect or poorly presented, lacking analysis or interpretation.	Results are mostly correct but with some inconsistencies, limited analysis.	Accurate results presented clearly, with adequate analysis and interpretation.	Highly accurate results, well-presented with comprehensive analysis and interpretation.
Teamwork (15 points)	Minimal collaboration, uneven contribution from team members, conflicts evident.	Some collaboration, somewhat uneven contribution, occasional conflicts.	Effective collaboration, relatively equal contribution from team members.	Seamless collaboration, equal and balanced contribution from all team members.