

Assessment Task : Physics Research Report

Performance / Grade	Criteria
Excellent (A+ to A-)	Demonstrate thorough mastery at an advanced level of extensive knowledge and skills required for attaining all the course learning outcomes. Show strong analytical and critical abilities and logical thinking, with evidence of original thought, and ability to apply knowledge to a wide range of complex, familiar and unfamiliar situations. Apply highly effective organizational and presentational skills. Apply highly effective lab skills and techniques. Critical use of data and results to draw appropriate and insightful conclusions.
Good (B+ to B-)	Demonstrate substantial command of a broad range of knowledge and skills required for attaining at least most of the course learning outcomes. Show evidence of analytical and critical abilities and logical thinking, and ability to apply knowledge to familiar and some unfamiliar situations. Apply effective organizational and presentational skills. Apply effective lab skills and techniques. Correct use of data of results to draw appropriate conclusions.
Satisfactory (C+ to D)	Demonstrate general but incomplete to partial but limited command of knowledge and skills required for attaining most to some of the course learning outcomes. Show evidence of some analytical and critical abilities and logical thinking to some coherent and logical thinking. Organization and presentational skills are minimally effective or ineffective. Apply minimally effective or ineffective lab skills and techniques. Misuse of data and results and/or unable to draw appropriate conclusions, but with limited analytical and critical abilities. Show ability to apply knowledge to most familiar situation to limited ability to apply knowledge to solve problems. Apply moderately effective to limited or barely effective organizational and presentational skills. Apply moderately effective to partially effective lab skills and techniques. Mostly correct but some erroneous use of data and results to limited ability to use data and results to draw appropriate conclusions.
Unsatisfactory (F)	Demonstrate little or no evidence of command of knowledge and skills required for attaining the course learning outcomes. Lack of analytical and critical abilities, logical and coherent thinking. Show very little or no ability to apply knowledge to solve problems. Organization and presentational skills are minimally effective or ineffective. Apply minimally effective or ineffective lab skills and techniques. Misuse of data and results and/or unable to draw appropriate conclusions.