

# PHY3150 Applying Physics Group Project – Report Assessment

Academic Year: \_\_\_\_\_

Team Number: \_\_\_\_\_

Report Title: \_\_\_\_\_

The team mark for this assessment (out of maximum 100) relates to a weighted average of the following four aspects each of which is marked out of 100 using the Group-Work Marking Scale overleaf. Individual marks (out of 100) will be assigned using [Sharp's Method](#), described in the Physics Handbook.

Ref.	Aspect	Totals
(a)	<b>Business and Scientific Context</b> <i>The problem(s) that were the subject of the investigation are described and put in context. Both the business aspects (i.e. the aims and constraints of the client business) and scientific aspects (established knowledge) should be discussed. The ethical and legal constraints, and IPR issues relevant to the project are identified and discussed. Include a rationale for the project management, team organisation, planning and communication methods used for the project.</i>	
	Weight: 10%	Mark (max 100): <input style="width: 50px;" type="text"/> Weight × Mark = <input style="width: 100px;" type="text"/>
(b)	<b>Project Management</b> <i>The project aims were broken down into achievable objectives. Resources (human, physical, time, money) were used appropriately in a properly planned and controlled manner. Which objectives were achieved, and how. Which objectives were not achieved, and why. Health and Safety risk assessment. How was work prioritised and scheduled, what contingencies were planned for? An evaluation the effectiveness of the methods used and their contribution to the success of the project. Lessons learned.</i>	
	Weight: 10%	Mark (max 100): <input style="width: 50px;" type="text"/> Weight × Mark = <input style="width: 100px;" type="text"/>
(c)	<b>Performance and Problem Solving</b> <i>Selection of appropriate scientific techniques and their application to the solution of the problem. Team has gathered, evaluated and analysed information in order to devise and apply a creative and practical method to solve the problem making effective use of the time and resources available. The investigation has been conducted in a systematic way consistent with the project plan. The project plan was adapted as new information became available.</i>	
	Weight: 45%	Mark (max 100): <input style="width: 50px;" type="text"/> Weight × Mark = <input style="width: 100px;" type="text"/>
(d)	<b>Quality and Usability</b> <i>Quality and level of material, scientific and literary accuracy of the text, diagrams and formulae. Investigations and results presented in a systematic manner that instils confidence in their reliability. Conclusions are evidence-based and clearly presented. References given in a standard form.</i>	
	Weight: 35%	Mark (max 100): <input style="width: 50px;" type="text"/> Weight × Mark = <input style="width: 100px;" type="text"/>
<b>Comments and Feedback</b> <div style="border: 1px solid black; height: 150px; width: 100%;"></div>		
Date: _____		Assessor: _____ Overall Mark: <input style="width: 100px;" type="text"/>

## Group-Work Marking Scale

<b>Mark Range</b>	<b>Group Work Marking Criteria (Marks are given to reflect performance for each aspect listed above)</b>
86 - 100	At the standard expected for a polished professional team, perhaps with one or two minor deficiencies.
70 - 85	Outcome at excellent level. Could reach the standard above if several minor deficiencies were attended to.
60 - 69	Outcome at focal level. Generally good level of knowledge or ability, with only one or two significant deficiencies.
50 - 59	No major flaws, but a number of significant deficiencies. Showing acceptable levels of basic knowledge or ability.
40 - 49	Outcome at threshold level. Only one or two major flaws. Lacking effectiveness in some aspects.
20 - 39	A number of major flaws. Evidence of a lack of basic knowledge or ability.
0 - 19	Nothing approaching an acceptable performance.