Physics is the most fundamental of the experimental sciences as it seeks to explain the universe itself, from the very smallest particles to the vast distances between galaxies. Despite the exciting and extraordinary development of ideas throughout the history of physics, observations remain essential to the very core of the subject. Models are developed to try to understand observations, and these themselves can become theories that attempt to explain the observations. By studying physics students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, it is the emphasis on a practical approach through experimental work that characterizes the subject. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyse results and evaluate and communicate their findings.

Students will be evaluated as follows:
- Paper 1: 40 multiple-choice questions, duration 1 hour, weighing 20%, marks 40
- Paper 2: Short-answer and extended-response questions on core and AHL, duration 2 hours and 15 minutes, weighing 36%, marks 95
- Paper 3: Questions on core and HL option material, duration 1 hour and 15 minutes, weighing 20%, marks 24

Internal assessment:
- Duration 10 hours, weighing 20%, 24 marks

Paper 3: Questions on core and HL option material, duration 1 hour and 15 minutes, weighing 20%, marks 24

Students will be evaluated as follows:
- Paper 1 and Paper 2 types of questions, practical work
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