

1st Year Physics 19/20

Semester 1 Participation Points

Week 01	23 Sep – 27 Sep Fundamentals of Physics – start weekly Online Homeworks
Week 02	30 Sep – 04 Oct
Week 03	07 Oct – 11 Oct
Week 04	14 Oct – 18 Oct Frontiers – Teaching Demos
Week 05	21 Oct – 25 Oct
Week 06	28 Oct – 01 Nov
Week 07	04 Nov – 08 Nov
Week 08	11 Nov – 15 Nov Mathematics – Week 8 Test
Week 09	18 Nov – 22 Nov
Week 10	26 Nov – 30 Nov
Week 11	02 Dec – 06 Dec Mathematics – Week 11 Test Frontiers – Experiment Report
Week 12	09 Dec – 13 Dec
Jan Exam Period	06 Jan – 17 Jan (2 weeks) Mathematics – University Exam Fundamentals of Physics A – Jan Test Fundamentals of Physics B – Jan Test Fundamentals of Physics C – Jan Test Fundamentals – Laboratory Practical Test



*This is a rough guide of semester one plans.
Absolute confirmation is the responsibility of the Lecturer concerned.*

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Modules, Breakdowns & Semester 2 Participation Points

[theory.analysis.simulation]

Semester 1

Mathematics

- Week 8 Test (30%)
- + Week 11 Test (30%)
- + Jan University Exam (40%)

OR

- Pure & Applied Mathematics (for Physics)*
- Theory Tests 1 and 2 (50%)
- + Continuous Assessment 2 (50%)

Semester 2

Mathematics and Computing

- Week 10 Test (10%) + Computing Lab (50%)
- + May University Exam (40%)

OR

- Pure & Applied Mathematics and Computing*
- Theory Tests 1 to 4 (50%)
- + Computing Laboratory (50%)

Semesters 1 & 2

Fundamentals of Physics A [**dynamics.relativity.nuclear**]

Fundamentals of Physics B [**thermal.waves.quanta**]

Fundamentals of Physics C [**electricity.electronics.electromagnetism**]

For each of the Fundamentals of Physics modules:

Semester 1 Test (10%)

- + Homeworks (20%, over 2 semesters)
- + Laboratory Work (30%, over 2 semesters)
- + May University Exam (40%)

Frontiers of Physics and Entrepreneurial Skills [**frontiers.employers.skills**]

Semester 1: Teaching Demos (10%) + Experimental (20%)

Semester 2: Institute of Physics Challenge (25%)

- + Employability (20%)
- + Research Project (25%)

Notes

- Laboratory Work in *Fundamentals of Physics* modules start in week 1.
Semester 1 Lab Mark (50% of total lab mark) from: In-class Assignments (30%) + Jan Practical Test (20%).
Semester 2 Lab Mark (50% of total lab mark) from: Laboratory Sessions (30%) + 1 Report (20%).
- The precise breakdown of *Pure & Applied Mathematics (for Physics)* 'Continuous Assessment' components is prescribed in that class, and is also listed in the Assessment folder on Blackboard - ask Dr Graham McDonald if you need any further clarification.
- Submission of semester 2 Computing Laboratory assignments in *Mathematics and Computing* (and *Pure & Applied Mathematics and Computing*) due by at end of sem. 2 week 11.