Physics Department Warwick University

Action points arising from the meeting of the Student Staff Liaison Committee on Monday 24th January

First year matters

• Can lectures be livestreamed?

We have no plans to livestream lectures. All first year lectures are recorded, and we understand that the recordings usually appear within hours of the end of the lecture. We recommend that students attend the in-person lectures, and use the recordings for revision, and to catch up on lectures missed due to illness.

• Can the timing of the PX129/PX146 worksheets be synchronised with the lectures featuring similar material?

There is some material which is met in lectures and in the worksheets. The first time the material is met will be the hardest, whether that is in a worksheet, or a lecture. We would encourage students to raise difficulties with the worksheet material with their tutor as soon as possible: the tutorial system is there to support these worksheets. The worksheets are designed so that you have some experience of learning new material by yourselves. With the predominance of lectures and scripted laboratory experiments in the course, it is important for you to develop self-study skills.

- Can we have an Origin workshop (similar to the Errors workshop)?

 The first two lab sessions cover physics concepts which should be familiar to students (pendulum and IV curve of an Ohmic resistor). These sessions are focused on the practical use of error analysis and the use of Origin. They cover the essentials of using Origin and are, in effect, an Origin workshop. Higher-level use (stack plots and residuals) are covered with the help of the demonstrators in term 2.
- Sometimes we have to learn new physics from the laboratory scripts would it be better not to have to do this?
 - An essential part of laboratory science is to explore aspects of the subject which are not altogether clear to the experimenter. There would be no point only ever carrying out experiments to demonstrate what you already know. Background material is made available as part of PX110 in term 2 where it is needed.
- Can more time in the laboratory sessions be allocated to familiarising ourselves with the equipment?
 - In term 1 we devote experimental time to cover the basics of most of the equipment used in the laboratory. Part of the aim of the laboratory course is to develop the skills needed to be able to use unfamiliar equipment with suitable written instructions.
- It can be difficult to read what is presented in PX120 in Ramphal. This also applies to the videos (made last year) which are being used this year.
 - We understand that a student has already spoken with the lecturer directly about this, and the visibility has now improved. In general, we would encourage students to approach lecturers (in person, or by email) as soon as such issues arise, so that they can be solved more quickly.

• PX120 lecture recordings are only kept up for two weeks. Can this period be extended, in line with other modules?

The Department does not have a policy on the length of times that lecture recordings should be available for. We understand that the availability of PX120 recordings is designed to encourage lecture attendance. If a student has a bona fide reason to need longer (such as extended illness), please contact the lecturer. We would expect the recordings to be made available again for revision.

Second year matters

• We sometimes launch into algebra in PX262 lectures without knowing where we are headed.

We have passed this back to the lecturer.

• Why are there no lecture recordings for PX276?

The recordings from the 2017/18 presentation are now available from the Lecture Capture block in the right hand column of the 2021/22 Moodle page for the module.

Third year matters

- The PX424 Moodle site is quite minimalist. For example, we did not realise it was not an experimental project until we turned up to the initial meeting. However, everything was made very clear at that initial briefing.
 - We will pass this back to the lecturer.
- Why is the final PX390 assignment deadline so many weeks after the last lecture? This is related to the fact that the later assignments are more difficult, and we want therefore to allow time for students to satisfactorily digest the material and complete the assignments.
- The marking of the computational experiment report in PX428 was viewed as harsh. No contact was made during the computational lab session itself. MathsPhys students have not used Origin before, so feel disadvantaged.
 - The computational lab is run remotely, and all the students who contacted the module leader for help received it. The Moodle page will be changed to advise that such help is available. The Moodle will also be edited to include advice on getting used to Origin.
- It is difficult to know what is examinable for PX387 because we have no written notes (only annotated slides).

We always recommend that past exam papers are the best preparation for examinations. You can also find solutions and reports at https://warwick.ac.uk/services/exampapers.

Fourth year matters

• In PX445 lectures, the material is just being read out, rather than being written down in real time. Is this because of the room set up?

We will pass this back to the lecturer.

Mathematics matters