

The perception and use of on-screen study in S217 "Physics: from classical to quantum"

Andrew Norton & Silvia Bergamini, Dept. of Physical Sciences



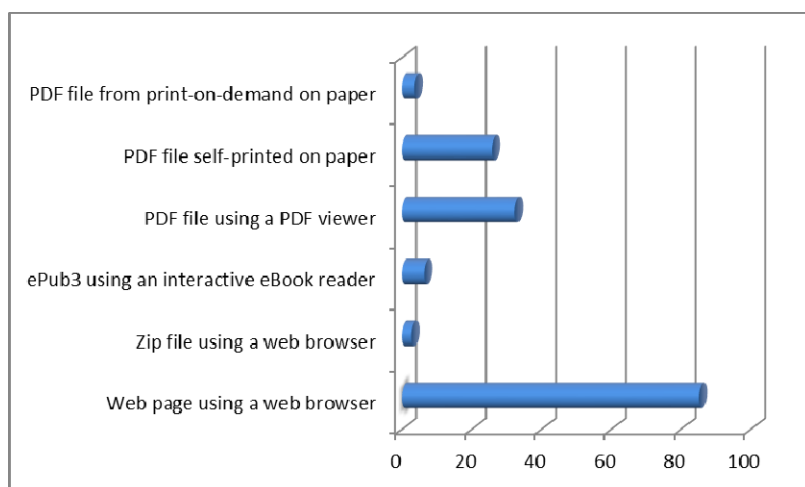
S217 is the core Level 2 Physics module, covering the Institute of Physics' key material required for degree accreditation. New for 2015J, it was written to be presented entirely on-screen, with the intention that it be studied on-line.

Study materials comprise 25 weekly study units presented via the VLE, plus short (3-4pp) printable PDF summaries of each. Off-line formats (PDF, ePub3 & Zip file) of study units are also provided.

Assessment is via 5 formative TMAs, 1 summative TMA (25% OES) and an Exam (75% OES). On-line open-mark quizzes linked to each TMA allow further practice and self-reflection.

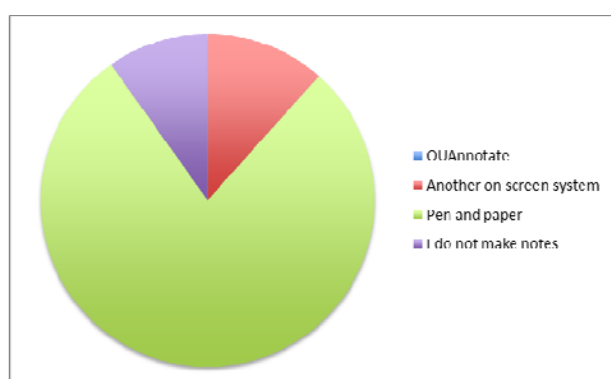
Student support is via OULive tutorials delivered through tutor group clusters plus 2 face-to-face workshops to develop problem solving skills.

Study material formats



Most students study on-screen on-line, as intended. Significant use of PDF (on-screen & on paper) too. Little use of on-screen off-line formats (ePub3 & Zip).

Note taking



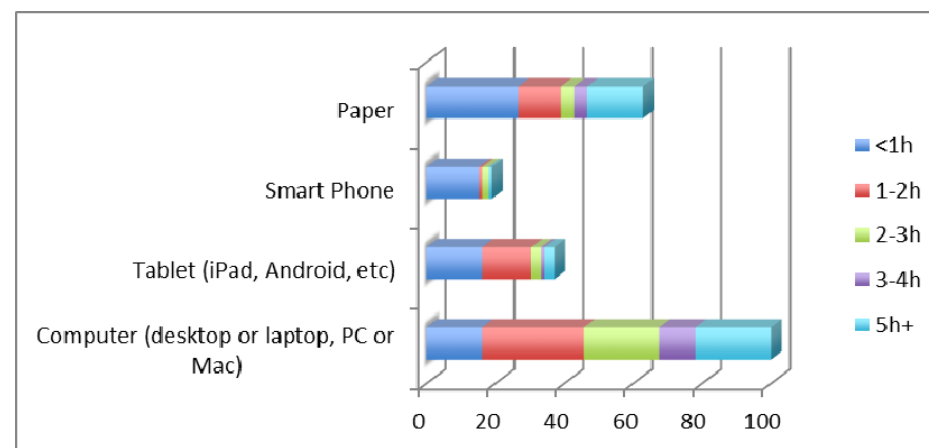
No students use OUAnnotate.

Most students take notes using pen & paper.

Study Support

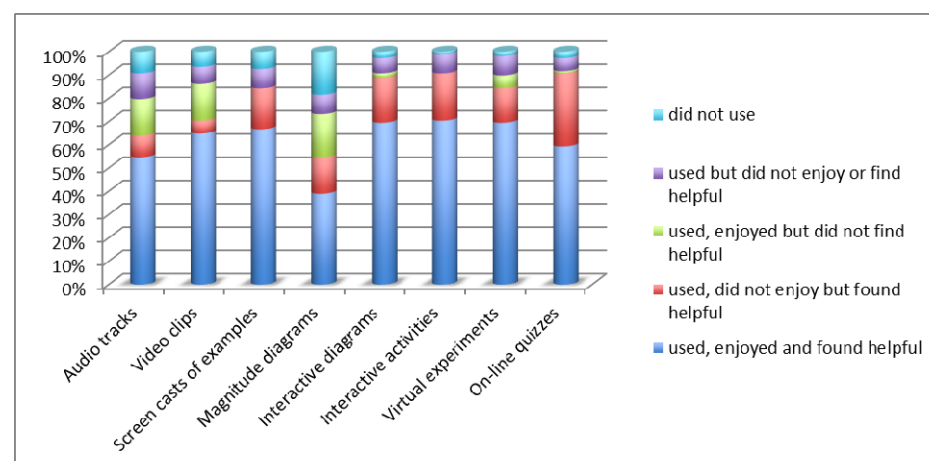
51% participate in Forums.
44% use OULive tutorials in real time.
68% use OULive tutorial recordings.
24% attend f2f problem solving workshops.

Devices used & times of study



Almost all students study on computer screen. Over half of students also study on paper. Very few students study via tablet/smart phone for >1h

Non-text & interactive items

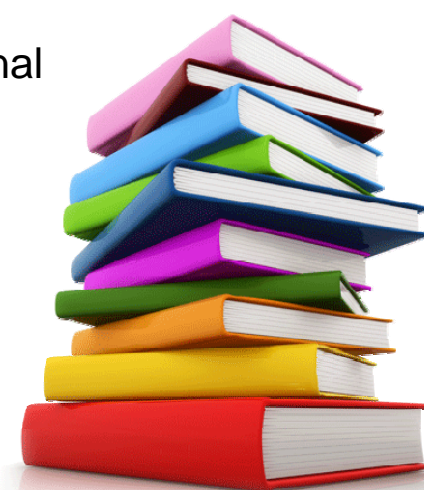


Most non-text & interactive items within the Study Units are **used, enjoyed**, and found to be **useful** by students.

All of these non-text / interactive items require use of on-screen formats, either on-line (webpage) or off-line (ePub3 or Zip). None are accessible via PDF or paper.

Other comments?

When asked what additional resources would help in their S217 studies, **60% of students** say that the module would be greatly improved if it had printed Study Books.



Based on responses to an online questionnaire by 108 students during study weeks 19-21 of the 30 week study calendar