4ydd Gynhadledd Dysgu ac Addysgu

 4th Annual Learning and Teaching Conference

6 Mis Gorffennaf – 8 Mis Gorffennaf| 6 July – 8 July 2016

# Crynoldebau / abstracts

Teaching, Assessing and Feedback Using ipad Technology

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ipad technology has been introduced in 2015-6 for five physics modules spanning a range of courses from level 1 to level M. The ipad, remotely linked to a host mac, has enabled the provision of an enriched learning environment in lectures and in workshops. In the classroom, integration with the new university IT technology has made possible the switching between a powerpoint presentation, a virtual whiteboard, custom animation software and the e-textbook that covers all topics in the level 1 physics core. Free copies of this e-textbook are provided by the department to all students and they have access to it for the full duration of their studies. The ipad also enabled entire lecture and stop-start recording, producing manageable video files, readily uploaded to Blackboard via Helix. In workshops covering worked examples, short recordings provide succinct examples of individual problems for focused student revision. Assessment, marking and feedback has benefitted from the Turnitin app for the ipad that links directly to Blackboard. There have been technical challenges with connectivity and integration and we have tested various software and stylus options. The current optimum solutions will be shared along with a discussion of the challenges that remain. The overall experience has been positive for students and staff and this is pleasing as it has enabled the development of a full range of e-learning methods, specific for STEMM subject delivery.