

Project name: Dual Screen Lecture Room Conferencing in Lyle G74

Quick facts	
Project value	£43,000
Client name	Beatrice Pelloni & Tobias Kuna- Mathematics & Statistics
Work start date	Start on site 25/09/2014
Completion date	Completion on site 30/10/2014
UoR project manager	Paul Harding ☎ Ext 7284 ✉ p.a.harding@reading.ac.uk
Wren no., Building name, building no.	1463714, Philip Lyle Building, W032

Project stakeholders

Client :-Beatrice Pelloni

Contractors : Southern Electric Contracting, Snelling Business Systems

For the University :- Paul Harding, IT Services

Project brief: To look at the possibility of incorporating wire managed desks in G74. To install and commission an AV system in the lecture theatre, with associated power and data to enable live presentations and video conferencing.

Project benefits: First lecture theatre on campus to feature live streaming capability. Lectures can be streamed to and from Imperial College, London.

Spare capacity exists for the provision of lecture capture and streaming in the future.

Progress/work schedule: Initially, the project required some fine tuning before being fully set up, mainly revolving around the specific requirements. Snelling Business Systems provided the AV (audio visual) equipment, such as screens, the touch surface control interface as well as the brackets and keyboards. Southern Electric Contracting was commissioned to provide the power and data systems for the AV equipment.

Throughout the lecture theatre, 6 ceiling mounted microphones were installed, as well as 2 cameras, and speakers. The lectern was upgraded to include a PC, mouse and keyboard, microphone, power connections, and the aforementioned touch surface control that is linked to all the AV systems. Finally, several high level projectors were connected up to work with the new projection screens mounted on the main wall.

Did you know: The AV set-up features a ‘bridge’ that provides the ability to integrate various codecs (a device or computer programme capable of encoding or decoding a digital data stream or signal) such as Skype, Cisco Jabber or Microsoft

Lync via an installed PC interface. Such a bridge utilises a USB gateway to allow the integration of AV into any PC software application.

The University aims to replicate the AV technology used here in the Harry Pitt lecture theatres, based on its performance in Philip Lyle.