

Noel-Ann Bradshaw, University of Greenwich

Using MP4 mathscasts to develop mathematical thought processes and reflective skills

Day 1 – Parallel III (17.00-17.30)

When teaching a second year Operational Research module I was concerned students were following worked solutions without understanding the thought processes involved. To address this I produced videos of myself working through the solution with audio commentary. This enabled the students to hear the thought processes involved, which led to increased engagement and subsequently raised attainment.

Since then I have also provided similar recordings to help final year maths student understand how to reflect and write reports on school placements. Again this has had the effect of raising attainment.

This presentation will show how easily such recordings can be made demonstrating this both on pc and iPad. Feedback and results from the modules where these recordings have been used will be presented and discussed. Further work involving to-camera videos will also be discussed.