

COMPETITIVE GRANTS 2006

PROJECT & TEAM DETAILS

<i>Project Title</i>	New technologies, new pedagogies: Using mobile technologies to develop new ways of teaching and learning
<i>Priority Area</i>	Innovation in learning and teaching: New technologies
<i>Lead Institution</i>	University of Wollongong
<i>Partner Institutions</i>	N/A

PROJECT SUMMARY

What is the Project designed to achieve (ie. Outcome)? (50 words)

In the absence of cohesive national policy on mobile learning, the project will develop innovative pedagogies using hand-held devices, leading to understandings that could inform national policy on m-learning for higher education. Pedagogies and development activities will be developed, evaluated, and distributed, through professional networks, workshops, a website and handbook.

How will the project achieve this (ie. Method/approach)?(150 words)

The project will investigate the educational potential of three mobile devices: mobile phones, personal digital assistants (PDAs) and digital audio players (iPods). Specifically the project will use a 'design-based' approach to:

1. Investigate the potential uses or 'affordances' of mobile devices.
2. Engage teachers from a Faculty of Education using an action learning professional development framework to explore and invent pedagogies appropriate to the use of a mobile device in completing a complex task within an authentic learning environment.
3. Implement and evaluate the use of mobile technologies and authentic tasks in learning activities over a period of 3-5 weeks in a range of different subject areas.
4. Describe, categorise and disseminate resultant pedagogies and professional development activities through a dedicated website and a published handbook.
5. Implement the professional development activities for m-learning across other contexts, and disseminate in web-based template form to other universities across Australia and overseas.

To assist in analysis and web searches please list key descriptors/ search words ie. Themes /Target Groups/ Disciplines addressed. For example: Multicultural, Deans, Biology,

m-learning, mobile technologies, action learning, authentic learning, professional development teachers in higher education, professional development personnel
multi-disciplinary, information technologies in education