



*Technology Enhanced Learning  
in Research-led Institutions*

An implementation project

“TELRI” is a collaborative project aimed to meet the needs of research-led institutions for an enriched and research-orientated curriculum by increasing the uptake and effective use of learning technologies in teaching programmes. The project will deliver valuable educational outcomes and a framework of approaches for best practice that aim to be applicable across a range of disciplines within the HE sector.

Starting in Autumn 1998, the University of Warwick will act as lead site, working closely with Oxford University and subsequently involving the universities of Durham, Southampton and Birmingham. The TELRI project has been funded by HEFCE and DENI under Phase 3 of the Teaching and Learning Technology Programme (TLTP), which has already funded Warwick’s highly successful Law Courseware Consortium.

**The project brings together two ideas.**

The first is that universities such as Warwick and Oxford believe that academics’ research can and should enrich their teaching. Not only are undergraduates brought into contact with the fruits of the latest exciting research, but they are also developing a research-like approach to learning. Teaching process, therefore, concentrate on developing students' capabilities to be:

- innovative,
- work independently,
- set and solve problems,
- analyse critically, and
- handle large quantities of information in a wide range of media.

Development of such capabilities not only help students in their current studies but also lay the foundation for future research activity, employment and lifelong learning pursuits linked to continuing professional development.

The second belief is that the wealth of TLTP and other technology-based materials and teaching methods have the potential to develop students’ research capabilities (which might also be assessed using technology). This might be achieved by:

- [1] developing broad capabilities through the use of IT-based applications, learning resources and methodologies;

[2] developing disciplinary knowledge by providing access to information via the world wide web, electronic libraries, databases and CAL materials, and  
[3] developing skills and techniques via the use of a range of IT-based tools, such as data and textual analysis, information searching, simulation and modelling, CAD/CAM and CAL tutorials.

### **Project Outcomes**

The project will:

- develop academic staff capabilities in the use of learning technologies and associated curriculum design and delivery
- identify research capability components of study programmes
- embed the use of TLTP and other materials in the delivery of a range of curricula in a number of research-led environments
- develop and test methods of developing capability through technology-enhanced learning
- develop frameworks for implementation and evaluation
- disseminate best practice to the whole sector.

A web site has been created (see project contact details below) where a great deal of the dissemination materials will be available, so watch that space!

Specific deliverables include:

- principles and frameworks for good practice in implementation and approaches to evaluation of technology-assisted teaching methodologies in curricula
- clarification of research capabilities that may be developed through technology-enhanced learning
- methodology for cost-benefit analysis
- case studies and related teaching materials derived from activity
- consultancy sessions
- extensive web site for dissemination and publicity

### **Project Contact Details**

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### **Total Funding**

£223, 000 over three years

**Lead Institution:** University of Warwick

**Consortium Partners:** Oxford University

(Universities of Birmingham, Durham, Southampton)