

LEARNING DEVELOPMENT PROJECT OVERVIEW FORM

Project title	Computer-based student-centred learning and assessment resources – highway management and engineering			Project ID No	CLAD – HIST022
Strategy area/theme	Engineering				
Start date	October 2001	Completion date	March 2003		
Project type	Learner enhancement project				
Level	Postgraduate	Programme of study	MSc Highway Management and Engineering		
Aims	To incorporate modern teaching and learning methods into the MSc Highway Management and Engineering Course to the benefit of both students and lecturers in terms of efficiency and quality.				
Objectives	<ol style="list-style-type: none"> 1. To develop an interactive learning environment. This will allow: <ol style="list-style-type: none"> a) Learning to become more student centred and student driven. 2. To increase the variety of methods used to teach. This will: <ol style="list-style-type: none"> a) Enhance student learning. b) Increase student motivation. c) Enhance course material in the form of lectures, tutorials and laboratories. d) Enable more able students to study beyond the given curriculum. 3. To reduce informal staff-student contact time enabling staff to monitor student progress more easily and identify and help those students' who are struggling with a particular subject. 4. To establish a distance learning module in the medium term. 				
Overview	Selected courses of the MSc Highway Management and Engineering programme were taught using modern computer-based teaching and learning methods to replace and/or support some of the existing traditional methods currently used. To achieve this WebCT was used to deliver course content and support students both on and off campus. To extend the scope of this IT environment, formative learning and assessment on the content was developed using the TRIADS software which was integrated into WebCT.				
Further Information	<p>For further information on this project please contact CLAD at University of Birmingham</p> <p>cladprojects@contacts.bham.ac.uk quoting CLAD projects HIST022</p>				