

WEB BASED INTELLIGENT DESIGN TUTORING SYSTEM

WINDS

(2000-2004)

OBJECTIVES

Contribute to the reform and reorganisation of the university educational system through the development and experimentation of new teaching models and curricula organisation.

- Develop a new methodological approach to design teaching.
- Create design teaching environments containing high levels of Multidisciplinary skill.
- Validate the environment on a real world university teaching scenario.

RESULTS

- The development of a new learning methodology for Architecture based on the relation among concepts "Concept Index", a tool designed to design interactively "Collaborate" and the possibility to have different learning paths.
- From the validation of the WINDS system it can be concluded that in general, WINDS students' performance do not significantly differ from that of traditional ones.

CONSORTIUM

Content providers:

UNIAN - IDAU - POLITO - CNR - POLIMI - IUAV - EAPVM - DPAU - UNIGE - UNIPE - SIMINDS - LTMU - UNIPA - PORTSMOUTH - TUM - ECO - EAML - QUB - BRIGHTON - ERG.UCD - UNIPI - UNIKARL - LIV - Technical University of Catalonia / Group of Construction Research and Innovation (GRIC).

Technology partners:

GMD - Nemetschek AG - Technion - METE - BIRKHAUSER.

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MORE INFORMATION

<http://winds.gmd.de>

