

Preserving the quality of on-campus education using resource-based approaches

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Abstract

As university budgets are under constant pressure and class sizes continue to grow, affordable solutions are needed to preserve the quality of on-campus education. One way to achieve this is to utilize dynamic Web environments in providing classroom support and fostering students learning. This paper reports on design and implementation of a WebCT-based learning environment aiming to introduce technology-enhanced students communication and collaboration in traditional lecture-based on-campus education. This paper also looks at the actual students usage of the system and summarizes the results of a questionnaire focusing on the effectiveness of the learning environment. Preliminary evaluation of the project and extensive student survey results indicate that the WebCT-based learning environment directly contributed towards the student satisfaction, increased progression rate and improved learning.