

Effective Teaching without Digital Enhancement

Authors : D. A. Carnegie

Abstract : Whilst there is a movement towards increased digital augmentation in order to facilitate effective tertiary learning, this must come with an awareness of the limitations of such an approach. Learning is best achieved in an environment that includes their learning peers where difficulties can be shared and learning enabled. Policy that advocates for digital technology in place of a physical classroom is dangerous and is often driven by financial concerns rather than pedagogical ones. In this paper, a mostly digital-less form of teaching is presented – one that has proven to be extremely effective. Implicit is anecdotal evidence that student prefer the old overhead transparencies to PowerPoint presentations. Varying and reinforcing assessment, facilitation of effective note-taking, and just actively engaging with students is at the core of a good tertiary education experience. Digital techniques can augment and complement, but not replace these core personal teaching requirements.

Keywords : engineering education, active classroom engagement, effective note taking, reinforcing assessment

Conference Title : ICTEL 2016 : International Conference on Theory of Education and Learning

Conference Location : San Diego, United States

Conference Dates : January 21-22, 2016