

**Wireless E-Learning and Communication Environment:
WELCOME at the University of Regensburg**

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ABSTRACT

This paper outlines the components of a mobile education system and lists selected examples of universities employing m-education. Several possible approaches in designing and installing such a system are discussed. The main focus is on a project called WELCOME (Wireless E-Learning and Communication Environment) at the University of Regensburg. We argue that mobile/electronic education should not attempt to replace traditional education with tutors and instructors but support both student and teacher by providing services that facilitate teaching, learning, and education-related administrative tasks. The basic approach is integrative, combining a variety of devices (mobile and non-mobile) via a variety of transmitting techniques (wired and wireless).

Keywords: mobile education, wireless, e-learning.