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A technological related discussion on the potential of change in education, learning and training

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What is this about?

- discussion of the supporting role of ICT - *Information & Communication Technology* - in education activities
  - puts in context the impact that **CSCW,** *Computer Supported Cooperative Work,* can have both in **ODL,** *Open and Distance Learning,* and in general education, learning and training
- the **NetLab** concept is presented and serves as the base to propose a **roadmap to** a **virtual university** setting

The context

- on-line applications in classroom are a widespread trend in industrialised societies
  - dual-mode education is gaining acceptance (on-campus and distance education)
  - the ratio between print, electronic media and face-to-face sessions will change from 85:0:15 to 69:25:15 (fall 2000 figures)
    - print will not disappear and stays as the most used media
    - electronic media gains importance as a current media
    - face-to-face sessions remain with the same overall weight

A roadmap to a virtual university

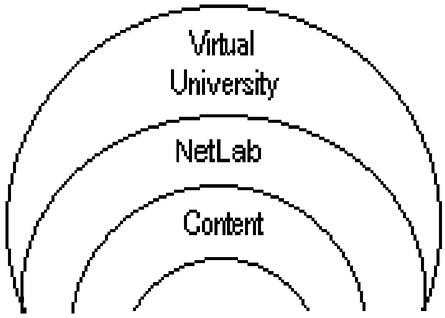
- shift from traditional face-to-face sessions to a broader offer of learning facilities integrating both on-campus and off-campus activities
  - based on the university resources (human, location, facilities and knowledge database)
  - new offerings act also as innovations that introduce shorter and more learner-oriented education settings
  - rethink the time spend in consecutive periods in education programs; time is playing an important role as more and more lifelong education is a requirement

The environment

- private higher education institution
  - 4900 students, 380 teachers and an administrative staff of about 80 people (last academic year figures)
  - 10 years of history, starting as university in 94 as the merging result of two Institutes
- characterised by simultaneous presence of:
  - a <u>network</u> with 400 DHCP entry points, in labs, classrooms and social locations (1 access for each 6 users)
  - access to the most usual Internet <u>services</u>
  - every student has his own <u>laptop</u> computer (since 95)

The NetLab concept

- prototype for local information society
- entry points to virtual campus
- experimental education lab
- promotes the content creation by teachers and students
- network infrastructure, content oriented
- emphasis interpersonal communication among students
- links computer resources



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