CUDLA GENERAL TECH. MARZO 16-18 DE 1997

TARGET

HOW WILL TECHNOLOGY CHANGE THE STRUCTURE AND PROCESSES OF THE UNIVERSITY?

CONTENT

SECTION 2 : IMPACT

UNIVERSITY PROCESSES: HOW NEW TECHNOLOGIES TO ACCESS INFORMATION WILL CHANGE BASIC UNIVERSITY PROCESSES, SUCH AS ELECTRONIC LIBRARIES, VIRTUAL LABORATORIES ETC.

The purpose here is to sketch the changes that have occurred within the university in relation to the introduction of new technology, especially that of networks.

Administration of resources has radically changed with the new computational techniques. However this is not the main object of this document, and it may be left aside since budget or personnel administration do not differ substantially from what is done in any large concern.

My purpose now is to sketch what is being attempted or done in academic administration.

a.   - Student life.
        - Inscription in courses, student evaluation of the teaching staff performance, application and obtaining of diverse documents, such as class attendance, grades, documents connected to health or library use etc.

The technology employed is Internet electronic mail and Web.

A software destined to inscription of courses and providing information on curricular status, fees payments etc. has been developped at the university. It is known as PUCmático (compare with "Bancomático", the popular denomination for electronic banking systems in Chile). The system is accessible from working stations in university class rooms as well as from the students homes.

Ariadna is a program with information about the PUC: catalogue, course book, information about academic units.

It is expected to develop shortly lists of students admitted to different courses.

        -Teaching material, adminstration of courses, evaluation educational support, Internet courses, and supporting material. On-line library services between the campuses, and connections with other chilean universities for cooperative use of library resources.

These are provided through the Web, Internet, and individual accounts, diverse softwares, CDs, Diskettes, Web pages, VHS.

They give access to Web pages with indication of course programs, materials, assignments, grades, discussion space after lectures, complete courses through Internet (Business Chile-Mexico). Just in Time courses. Tutor programs. Programs for training in specific abilities, laboratories, Anatomy course, tapes with demonstrations. Naviagtors. Electronic libraries. Telemedicine conferences.

- Courses at a distance.

They aim at breaking down the space barrier, to give courses with a single teaching team and of a definite academic level. They are useful for continued education.

They employ open television, Closed circuit TV. ATM, commuted ISDN. Internet.

They provide, Teleduc, Telemedicine, Reñaca experience, Hax seminaries, Business Chile-Mexico