Faculty of letters and foreign languages
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ICT and E-Learning

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WHAT WE WILL TALK ABOUT

- *Definitions*
- *History of distance learning*
- *Types of apprenticeships*
- *Moodle*
- *MOOC*

Definitions

1. ICT

- Process or system in which all or part of the courses are delivered using ICT applications (Internet, radio, personal computer, audiovisual material and a limited printed documents in limited numbers) to students distant in time and space.

2. ICTE

- ICTE covers a range of tools designed and used to produce, process, store, exchange, classify, retrieve and read digital documents for teaching and learning purposes.
- The aim is to develop teachers' skills in the field of educational technologies, and to introduce them to the various mechanisms of university teaching in distance learning as well as face-to-face teaching.

3. LMS

- The learning management system or LMS is software used to manage an e-learning platform, so it fulfils two main functions: learning and management.
- By extension, the term LMS is used to describe the system made up of :
  - learners belonging to a virtual community ;
  - an e-learning platform which hosts the content developed according to a training strategy, as well as the assessment tools;
  - the trainers and/or tutors who deliver the training.

History of distance learning

The first distance learning courses were offered as early as 1728, by a certain Caleb Phillips. This gentleman offered private correspondence courses through classified advertisements published in the Boston Gazette

In 1840, Sir Isaac Pitman invented a method of shorthand writing. To popularize it, he offered correspondence courses. He was soon followed on the continent by two Berlin associates, Charles Toussaint and Gustav Langenscheidt, who launched their own correspondence school and also popularized shorthand. Their company survived until the Second World War.

In 1858, the University of London was the first to award diplomas recognizing correspondence courses.

History of distance learning

In 1873, Anna Ticknor founded the Society for the Encouragement of Home Study, which was also a correspondence school aimed specifically at women.

In 1948, the American John Wilkinson teamed up with the famous NBC station to offer college-level radio courses.

Five years later, in 1953, the University of Houston offered the first classes based on teaching broadcast on television.

History of distance learning

The British authorities understood the interest of these media and founded Open University in 1969. A true distance university offering courses and degrees in musicology, computer technology and organic chemistry

In 1999, the web began offering distance learning courses using tools such as Black Board, e-College and Smart Thinking.

In 2001, the constructivist MOODLE platform appeared, offering interaction between online learners. According to the Sloan Consortium, in 2009, 4.9 million people had registered for at least one online course.

History of distance learning

In 2008, Dave Cormier was the first to talk about MOOCs (massive open online courses).

In 2014, Coursera is offering 'specializations' of MOOCs, which are linked together to form a course of study.

Learning Management System (LMS)

- A **Learning Management System (LMS)** is a web application that enables anyone involved in an e-learning process to manage their learning path.
- It can be used to put learning content online
- It is an application that supports open and distance learning and brings together the tools needed by the three main users: **administrator, teacher and learner**.

Three levels are offered by an **LMS:**

ADMINISTRATOR

is responsible for the technical management of the platform:

- Creating courses and categories
- Setting up the home page
- Assigning system roles

TEACHER

Teachers are responsible for managing their own course space:

- Putting resources online (course design)
- Creating learning activities
- Assessment and feedback
- Interacting with students
- Assigning roles to students

LEARNER

Students are responsible for their own teaching:

- follow the course for which they are registered
- Complete the learning activities
- Consult their notes
- Participate in discussions

Some LMS examples

- Moodle https://moodle.org/
- E-charlemagne http://www.e-charlemagne.com/
- Dokeos http://www.dokeos.com/
- BlackBoard http://www.blackboard.com/
- Ganieha www.ganesha.fr/

Moodle

MOODLE = **M**odular **O**bject **O**riented **D**ynamic **L**earning **E**nvironment

MOODLE was created in 1999 by computer scientist ***Martin Dougiamas.***

- **MOODLE** is ***open-source*** software (GPL licence) **for producing online courses** on the Internet, written in **PHP** and using **MySQL** as the database.
- **MOODLE** has a number of basic modules that allow you to **make resources available** (**PDFs** of the course, links to other websites), set **assignments**, conduct surveys, set up discussion **forums**, organise **questionnaires** (online exercises), etc.

Moodle platform Enables you to ...

Submit

Lesson plans, files, assignments, web links, images, videos, podcasts, etc.

Communicate

Forum, chat, messaging, etc.

Assess

Grades, surveys, homework, etc.

Collaborate

Wiki, blog, workshops, etc.