Learning Space

ED-MEDIA 2008

NOVA ET NOVE · UNIVERSIDADE FERNANDO PESSOA

UNIVERSIDADE DE ÉVORA

Sakai

Collaboration and Learning Environment for Education
free to use, free to develop, freedom for education
LAMP Solta ALEX eta

Universidade VIRTUAL

u·évora
UNIVERSIDADE DE ÉVORA

Instituto Politécnico de Castelo Branco
Escola Superior de Tecnologia

CREATION OF HIGH QUALITY LEARNING SPACES

Pedro Silva psilva@est.ipcb.pt Luís Borges Gouveia

Main Objective

This research project is the result of a set of experiences to understand the issues involved in the use of the virtual environments in higher education institutions.

Problem of the investigation

The need of a referential system to guide the higher education institutions in the performance of virtual learning environments and in its adjustment from the physical teaching spaces

The main interest of the project is try to find and test a set of factors that maximize the creation of high quality learning spaces, pliable and sustainable to the future needs of the students.

The Enviroment

university

are face to face (f2f) with a new teaching reality

STUDENTS
Preparing the
New Generation of Students (Net Generation)
- *Digital*
- *Connected*
- *Want to create and learn at the same time*

THE TECHNOLOGY
The technology changes affect the teaching and learning processes and the places they are possible

KNOWLEDGE SOURCES
Students can access to that contents and study by themselves, developing therefore individual and group skills

Study by themselves in any place with Internet and the also can, if they have questions, use the email to clear up all doubts and solve problems with their tutors

---

Looking back to Look forward

Old Space

Many universities have insufficient or inappropriate learning spaces; they are too small, very dark or cold, made in the wrong places, etc.

The students dont talk, and there are encoraged to work allon.

New Space

The new learning space should be able to motivate learners and promote learning as an activity, support collaborative as well as formal learning.

Learning Space

- □ "*Learning space is under re-evaluation and redifinition*"

- □ A learning space is much more than a classroom. It can be any place where the learning process is possible: home, halls, congress rooms, cafés, etc. And, of course, the classrooms.

- □ Spaces are by themselves changing agents; if we modify teaching spaces we change the kind of learning.

- □ Understanding the university spaces is an important factor to understand the way they function, not only what concerns the teaching and learning method but also how the involving space should be planned.

How to improve Space ?

The classrooms of a higher education institution are, in greater number, used by **different departments, different teachers**, with **different needs.**
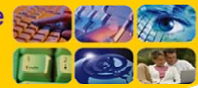
So it is important consider some aspects:

- How will the space be used by other in the future?
- The physical, technological and program needs
- The shape of the classroom will be controlled by a presentation?
- The room will have a front area where the teacher will be teaching?

Guiding Principles

- A learning space should support a diversity of learning styles.
- At the different times learning can be a social as well as an independent activity,
- A learning space must be versatile and attractive
- The space must be maintained continuously and the technology must be present everywhere
- The resources must be allocated for learning spaces and used whit effectively.
- must take into account styles of teaching needs for technologies and other aspects that demand specialized spaces.

Case Study

In this case, the challenge for this investigation was to create several learning environments that would progressively draw educators from traditional classroom to innovative learning environments.

The **University Fernando Pessoa** (UFP) illustrate how an experimental teaching space has been created within the constraints of a existing structure

Case Study

- ☐ The objective of this study is to prove that:

The learning space's arrangement and organization influences the quality and the way we collaborate, interact, share and build knowledge

We wanted to demonstrate the environments we put people in when we're asking them to learn things.

The space supports three learning styles:

- Traditional learning environments
- Social learning spaces
- Collaborative learning environment

Traditional learning environments

Social learning spaces

Collaborative learning environment
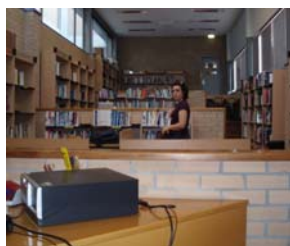
CONCLUSION

The teaching and learning process won't be the same it was for the last10 years

The use of technology change the teaching and learning process

In order to provide appropriate space to teach and learn it is necessary more than a simple space. The educational activities are organic and flowing

CONCLUSION

There is lot to do in this area. Many people investigate this area but the changing of physical learning spaces requires many challenges and it presents so many opportunities that we can't even imagine.

We cannot find the right learning place but the challenge is try to get there.

Thanks

Learning Space
ED-MEDIA 2008

Pedro Silva

psilva@est.ipcb.pt

Web blog

http://learningvirtualspace.blogspot.com/