

ICT at the university : What uses ?



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1. Problem / Context : in Morocco
2. Why ?
3. Students / Teachers cases
4. Discussion / Synthesis
5. Conclusion

1. Problem / Context

3

Morocco
Several projects
Since 2000

3

Internet Access

- ✓ **Internet /Intranet Project**
- ✓ **MARWAN** : high speed Access

4

Computer equipment

- ✓ **Génie-Sup** : universities
- ✓ **Nafida** : Teachers
- ✓ **Injaz** : Soudants

5

Other projects

✓ **CVM** : Moroccan Virtual campus www.cvm.ma

✓ **Training** : Average of 10 Workshops (5 days) /
year moyenne de 10 ateliers / ans

Emergency Plan

6

Problem ?

7

Problem

There is Technology and equipment
But less used
Specially Education

ENT / Intranet / LMS

Problem

Every one talk ICT / Elearning /
Online courses

However

The real use of ICT to teach/to learn
with Active pedagogy
is Limited

Problem

Online courses existed and none used
Or
Few courses existed / investment
Or
Limited to Digital contents

2. Why ?

Students

Resistance?

Not formed ?

Not accessed to technologies

Other ?

Teachers

Not Trained ?

Unaccompanied ?

Unmotivated ?

Resistance ?

Other ?

3. The two cases

Students

Teachers

Survey + Trace analysis

Etudiants

1

**Mind Mapping and
Information Management**

(Master Chemistry)
Fez

2 specials

moodle

2

Pedagogical models

(Master DTE)
Oujda

2 specials



Claroline

Etudiants

Course 1 (Blended)

2 months

1 session : Face to face / week

The screenshot shows a Moodle course interface. The main content area displays a list of assignments under the heading 'Séquence I : Problématique & notre cerveau'. The assignments are:

1. Remplir le questionnaire sur les usages de la plateforme
2. Lire l'exposé
3. Lire les deux articles
4. Elaborer et déposer le mind map sur votre mind map problématique
5. Elaborer et déposer un mind map de synthèse des deux articles et de l'exposé.
6. Elaborer et déposer un mind map personnel sur le bonheur.
7. Elaborer et déposer un mind map de synthèse de votre lecture du livre "Apprendre".

Below the list is an 'Espace dépôt devoirs' section with icons for 'Mind map problématique', 'Mind map de synthèse', and 'Mind map de bonheur'. The left sidebar contains navigation links such as 'Recherche forums', 'Administration', and 'Paramètres'.

Etudiants

Course 2 (Blended)

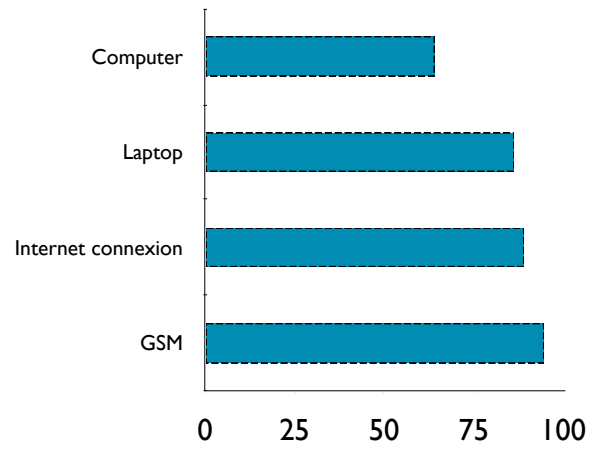
3 months

1 session : Face to face / Fortnight

The screenshot shows a Moodle course interface for 'Les modèles d'enseignement et d'apprentissage'. The main content area features a section titled 'Présentation de l'élément de module' with a sub-heading 'Contenu de l'élément de module'. Below this, it lists 'Modèles d'enseignement et d'apprentissage' and 'Principes à la base de chacun des modèles abordés'. There is also a section for 'Objectifs généraux de l'élément de module'. An image of a human brain is visible. The left sidebar contains navigation links such as 'Description du cours', 'Agenda', 'Annonces', 'Documents et liens', 'Exercices', 'Parcours pédagogique', 'Travaux', 'Forums', 'Groupes', 'Utilisateurs', 'Wiki', 'Online Conference', 'Discussion', 'Survey', 'Modifier la liste d'outils', 'Paramètres du cours', and 'Statistiques'.

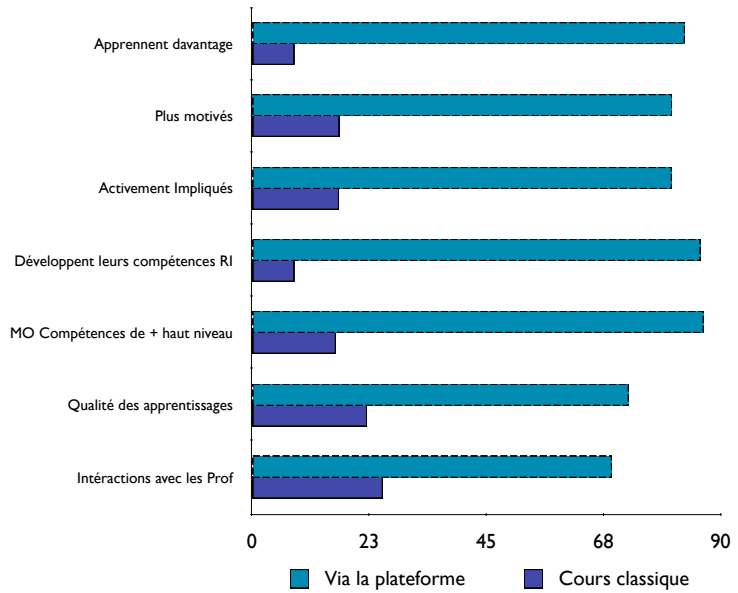
Etudiants

Equipements



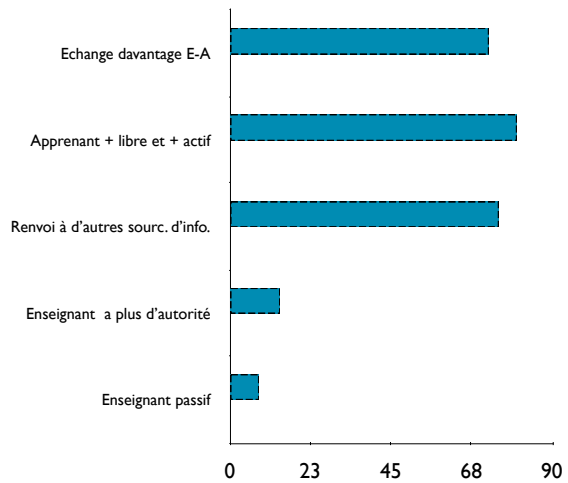
Etudiants

Value added of the LMS



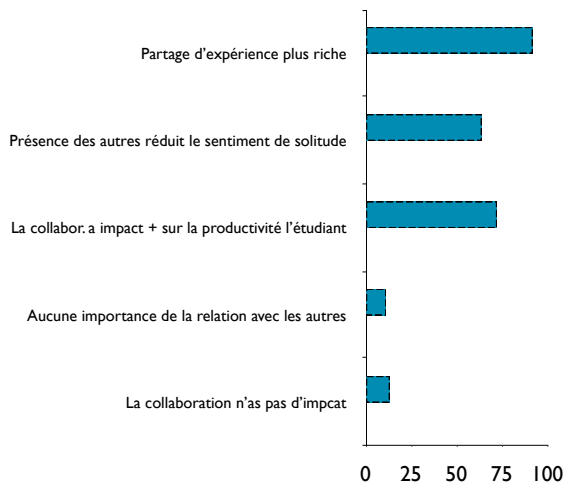
Etudiants

Teachers-Students relationship



Etudiants

Students-Students relationship



Using the platform

The teacher assesses the progress and better productions of students through the LMS

83 %

The LMS has changed my role as student

91 %

Although

Lack of commitment from students in the absence of a monitoring / scenario

Teachers

Transfer Workshops (AUF)

Qualitative evaluation:
7 workshops (5 days)

Teachers

Organizational problem

Lack of motivation / commitment /
Register- / Absent

Mis-knowledge

Teachers

**70% of teachers are changing vision /
ICT after training**

Mis-knowledge

Teachers

ICT : usefulness, importance
Specially Education
Questioning practices

Accompanimen

Majorité
d'accomp
dem
d'accomp

Problème d

Majority: Application Cover

Commitment problem

Major problem

Teachers

Generally **not followed** (70%) except
in cases of project

Or

Online Courses **limited to digital
content**

4. Discussion/Synthesis

~~**Problem of Digital Content**~~

~~**Problem of equipment,
tools or LMS**~~

**Problem = scenario and
activities**

Truth problem: Actors

Institutions

Teachers

Students

Institutions

Visibility / Vision / Strategy

... with a plan of action

... with and for teachers and students

Teachers

Awareness / Training / Coaching

Students Preferences

Classical teaching / Learning activities
Mis-Knowledge

5. Conclusion / Recommendations

Problem

**Vision, training, coaching, monitoring,
evaluation and motivation**

Vision and Strategy

**Take stock + thorough diagnosis:
Teachers / Students**



Integrated Action Plan

Teachers Training

**Review the organizational
arrangements proposed
Project approach**

Motivation system

**Economics incentives / administrative /
Hours of duty / other**

Master's case

Thank you