How to manage transfer?

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Objectives

- HES-SO context and specificities
- HES-SO e-learning concept and organization (04-07)
- E-learning realizations
- Illustrations
- About transition
- Conclusion
Context – figures and facts

- **Complexity**
  - Domains
  - Fields
- **Geographical distribution**
  - 32 sites in Western Switzerland
- **Mass**
  - 12000 students
  - 1300 professors
Etudiantes et étudiants
(formations diplôme, bachelor et master)

Haute école ARC
984 étudiant-e-s

EHL - Ecole hôtelière de Lausanne
851 étudiant-e-s

HEV - Haute école vaudoise
3'619 étudiant-e-s

EL - Ecole d'ingénieurs de Changins
54 étudiant-e-s

HES-SO Genève
3'708 étudiant-e-s

Siège HES-SO

HES-SO Fribourg
1'444 étudiant-e-s

HES-SO Valais
1'373 étudiant-e-s

Total HES-SO: 12'033 étudiant-e-s
(15.11.2006)
Specificities

- **Cultural aspects**
  - 17 fields covering engineering, computing, health, music and design

- **Computer literacy**
  - very different according to the field: lower literacy in social fields compared to engineering fields
E-learning global concept

1. **Less full-time staff**
   - 1 person 100% (HES-SO Valais)
   - 2 persons 20% (HES-SO Vaud)
   - 2 persons 30% (HES-SO Fribourg)

2. **Sites involvement**
   - A steering committee (12 persons) validates decisions and global orientation
   - Depending on kind of tasks, realization is taken on by internal HES-SO specialists

3. **No specific premises**
   - Each collaborator works from his own location within HES-SO
   - Meetings take place alternatively in various HES-SO locations

4. **No obligation to use HES-SO e-learning CMS**
   - However, HES-SO CMS offers many advantages:
     - Free
     - Robust
     - Managed as any other HES-SO key applications
     - Helpdesk
     - Training and support
Organization

- **CCSP leadership and administration**
  HES-SO Valais

- **CMS hosting and administration**
  HES-SO Fribourg
  HES-SO Vaud

- **CMS helpdesk and training**
  HES-SO Valais

- [www.cyberlearn.ch](http://www.cyberlearn.ch) hosting and administration
  HES-SO Vaud

- [www.cyberlearn.ch](http://www.cyberlearn.ch) web mastering
  HES-SO Fribourg

- **Steering committee**
  12 e-learning experts representing HES-SO Domains and Cantons
e-learning outline

3 main objectives

1. **Enhance face-to-face courses**:  
   - By offering a CMS for publishing course resources and enhancements  
   - By training the professors and assistants in grasping CMS  
   - By maintaining a CMS  
   - By offering a helpdesk  
   - By sustaining specific projects (e-creation calls)

2. **Implement Generic courses**:  
   - Generic courses and resources are implemented with support supplied to professors  
   - Professors can instantiate their own courses from the generic course

3. **Analyze and develop alternative technologies**:  
   - Podcast courses with IDIAP technology (mix sound and beamer flow)  
   - Integrate 3D technology
e-learning realizations
04-07

• **Tool**:
  - Moodle

• **Concept**:
  - Reproduction of HES-SO academic structure
  - Domains
  - Fields
    • Bachelor
    • Master
    • Continuing education

• **Professors**:
  - Information given concerning Moodle
  - Training
  - Flash resources

• **Specific pending developments**:
  - 3 e-learning courses
  - course podcasting
  - 3D
Moodle

- **Testing phase : 1 year**
  - Achieved on 16 courses stemming from e-creation Call1

- **Production phase**
  - After one year exploitation :
    - 600 courses, more than 6000 accounts
  - Distribution :
    - Engineering : 189
    - Economics and services : 252
    - Health : 83
    - Social : 56
    - Music : 0
    - Continuing education : 20
Why does it work?

- Paradoxically because of our presumed weak points: geographical distribution and cultural dispersion, lack of unique image, heterogeneity.

- Ultimately, HES-SO really shows a specific culture and can be creative and successful without applying current and usual management models.

- However, involving all HES-SO levels into a blended learning policy is not simple and easy and takes a great deal of energy.
Illustrations

- Moodle structure
- Some course examples
- Some mini tools examples

http://cyberlearn.hes-so.ch
Online course Levels

- **Standard** (with Cyberlearn training support)
  - Publication of learning objectives
  - Publication of face-to-face teaching resources (pdf, doc, ppt, etc.)
  - Links to adequate websites
  - Course space customization (pictures, introductions, course description etc.)

- **Advanced** (with Cyberlearn technical support)
  - standard + quiz, forum, glossary and multimedia elements (standard elements issued from DVDs etc.), flash animations

- **Expert** (with Cyberlearn technical support)
  - advanced + specific videos, interactive animations
Quality

• **ISO 9001**
  • Cyberlearn is being ISO 9001 certified in December 07

• **Internal certification**
  • Every professor can ask Cyberlearn to evaluate his course (s) (from an e-learning point of view not on a scientific one)
  • He can then ask his superiors for either lighter course workloads or financial support, to further improve his blended learning courses
Objectives for the next 4 years

- **Percentage of online courses: standard level**
  - 50% of all courses
  - *Now: 20%*

- **Online courses: advanced level**
  - 20% of all courses
  - *Now: 2%*

- **Online courses: expert level**
  - 10% of all courses
  - *Now: 0%*
About transition

• Cyberlearn project is being transformed into an enlarged mission, namely as part of the HES-SO global frame

• Cyberlearn funds range from 600’000.- (1st period) to 1.7mio (08-11)

• Same organization (steering committee of 12, geographical dispersion)
Why such a support?

- First operation was pretty a success
- Project is a good way of federating our sites and domains
- It contributes to improving quality in teaching activities
- Ensures durability and transforms a test phase into an exploitation phase
  - New incentives have to be implemented to sustain and motivate sites, fields, professors and students
- Bologna principles implementation and its side effects (less face-to-face teaching, increased individual workload) can be partially addressed by a blended learning approach (distant tutoring, revising aids, course material enhancement etc.)
- UAS masters will inevitably be decentralized and new virtual meeting points need to be thought over.
Conclusion

- **Main objective**: implement new teaching media to improve HES-SO services aimed at its targeted clients: students; e-learning is one of these new media.

- **Due to risks of deterioration** in student tutoring induced by Bologna model, HES-SO will progressively invest in new means to keep student tutoring, coaching and support up to its previous high level: blended learning is one such means.

- Thanks for your attention

- Questions?