elearning and eteaching in initial
and further teacher training

FIM-NewLearning
University Erlangen-Nürnberg
FIM-NewLearning

- University Institution
- Founded 1975 to establish an Open Learning System in Psychology
- Since 1992 eLearning projects for different target groups
- applied research; development, implementation, evaluation in the field of Educational Technology
- Today: appr. 50 Employees
  - Psychologists, Computer Scientists, Natural Scientists, Teachers, Media Designers, Multilingual Administrative Staff
- Currently about 25 projects
Some facts about eL3

- Basic data
  - BMBF funded project
  - Budget: 2,39 Mio. EUR
  - Partners: University Erlangen & University Oldenbourg
Some facts about eL3

- Aim:
  - Development and testing of a web-based training for teachers and student teachers of all school types and subjects.
  - Teachers should get basic competencies on ICT in a subject context:
    - Office applications (Microsoft and OpenOffice)
    - Use & evaluation of web-resources and educational software
    - Communication and cooperation tools
The learning system

- Technology
- Learner
- Support
- Content
The Learner

- No previous experiences on eLearning
- Poor experiences with ICT
- Used to work and learn independently
- Has high expectations concerning the use of ICT for teaching
- Low performance computer system
- Low connection rate to the internet
Content

- 15 Modules, specific to the teaching subject
- 1. Module: How to use the LMS?
- All modules with the same structure and design
- Self evaluation tasks within the modules
- All modules ending with an obligatory task
- Modules delivery just in time
- Modules not overloaded with multimedia
- Download option
- Printing option
Support

- One Tutor for a group of approx. eight Learners
  - caring for motivation
  - ongoing support in all questions (e.g. content related)
  - Feedback on the module tasks

- Authors
  - support on all questions concerning the learning stuff

- Technique Hotline
  - advice on all technical problems

- Organisation
  - all data concerning the course sequence

>>>All committed to answer within 24 hours!
Requirements on the LMS

- “slim” and stable
- easy as possible
- intuitive user interface
- integrated communication tools
- remaining in the background
Why Ilias?

- The open source code is the crucial factor
  - allowing the implementation and adaptation of existing and new applications for the demands of learners and tutors
- The license conditions
  - permitting the use of ILIAS outside of the university, having no limitations on the number of users
- Pleasing user interface
- Basic communication tools
Changes and Improvements on ILIAS

- **Right from the start**
  - All non-significant buttons were removed
    (e.g. bookmarks, literature, editor and feedback)

- **During the course**
  - New forum functions
    - Sorting
    - Printing
    - Delete or change an entry
    - File attachments
    - Web-addresses as links
  - E-Mail:
    - External forwarding
    - File attachments
    - Web-addresses as links
    - Mail-folders
Does ILIAS matches learners’ needs?

Problems with ILIAS?

- Yes
- No

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<th>No</th>
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Does ILIAS matches learners’ needs?

ILIAS adequate?

- [very] 1
- 2
- 3
- 4
- 5 [less]

Cycle 0
Cycle 1
Cycle 2
Does ILIAS matches Learners‘ needs?

![Graph showing LMS Handling](image)
Thank you!