Introducing Elements of Knowledge Management for e-Learning

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Introducing ICTO
- “ICT and Onderwijsinnovatie” at EHB.
- Blackboard 5.5 level one as e-Learning Environment.
- Close cooperation with VUB.
- Creation of Blackboard (Bb) user group.
- Collaboration with other institutes of higher education.
- Bb encouragement center in Brussels, Flanders and the North of France.

VUB-EHB e-Learning Requirements
- High quality course content.
  - Must be kept modular.
  - Must be created for reusability.
- Bb supports new master programmes at VUB-EHB
  - Focus on people working in the industry.
  - Personalized modular content needed.

Course Management Issues for Blackboard 5.5
- Role of Metadata Course Storage and Retrieval
- Classification Tree management not user-friendly
- Violation of ‘Store once, use many’ Principle

Bb Learning System and Learning Unit Management
- Reuse and Granularity of Learning Units
- Content Management Building Blocks

Case Study: KM in Engineering-Architecture programme
- KM for the benefit of Integrated Learning
- Integrated Learning for Architecture design exercise
- Design needs info from:
  - Engineering Science courses and material
  - Architecture courses and material
  - Human Sciences
- Design can also be case-based:
  - References to masters and Phd theses
  - Material from previous Projects