

# 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.

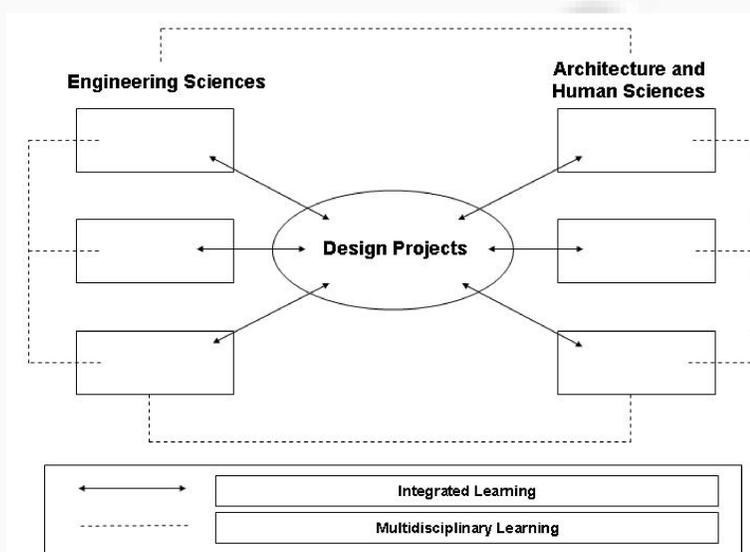
## Course Management Issues for Blackboard 5.5

- ☞ 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