Designing and enacting an inquiry based collaborative learning script using the CADMOS tool

http://cosy.ds.unipi.gr/cadmos/

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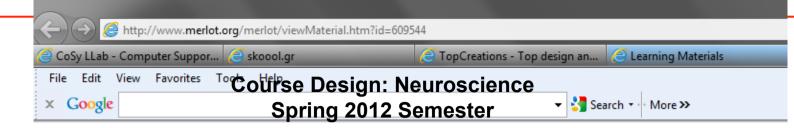
What do teachers do?

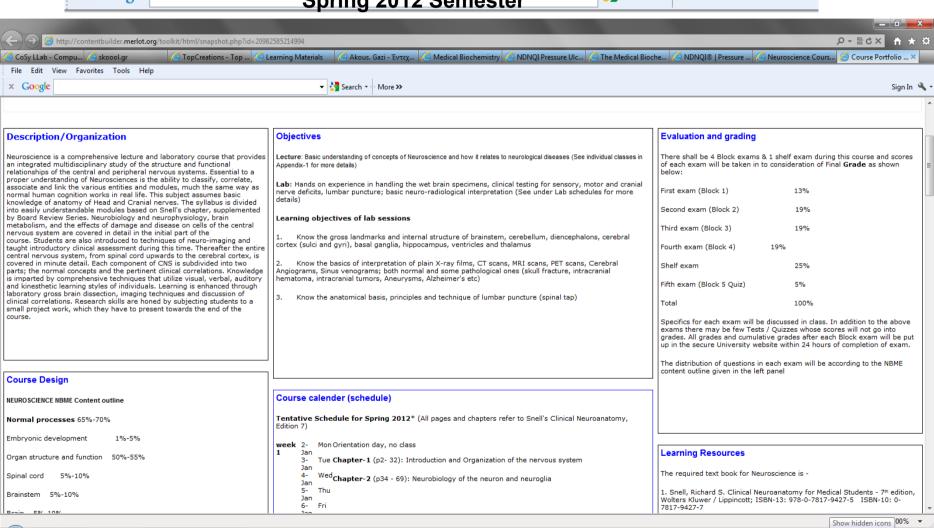
- We prepare our lessons before we enter the classroom?
- We store these lesson plans electronically?
- We use a tool for storing our lesson plans?
- We share our lesson plans?
- We use a learning management system (LMS)? (Moodle, Blackboard, TC3 ...)



The lesson plan challenge

- Teachers as designers want to use tools that could guide them
- Teachers as designers do not have to be technical experts (e.g. know XML & LD standards)
- A lesson plan should be shared and re-used
 - It must be used a common, formal and "rich" design language





Report this as an Inappropriate Material

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Director, Dr Sanjoy Sanyal, Neuroscience, Syllabus



We prefer graphical views



Take Home Message #1

Separation of Concerns in CADMOS

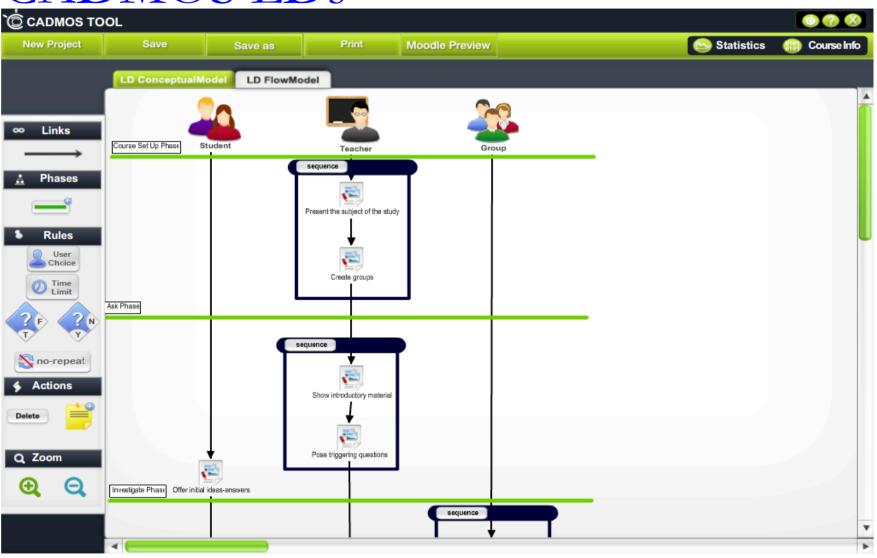


The design of a Learning Unit

"Conceptual
Model" or
"Learning
Activity design
view"

"Flow Model" or "Learning Activity flow design view"

CADMOS LDs





We need to bridge the gap between Lesson plan & Enactment



Take Home Message #2

Enactment







Concluding remarks

CADMOS

- Promotes a step wise design approach
- Allows traceability in the design process
- Allows to focus on a specific view and to reuse design views
- Conforms to IMS LD level A,B
- Includes design patterns as templates
- Interoperates with Moodle LMS
 - Bridging the gap between design & enactment

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Thank you!

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