

SKÆRPELSE AF DE STUDERENDES PRÆCISION OG KRITISKE SANS

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LEARNING OBJECTIVES

When the course is completed, the student is expected to be able to:

- › define and analyze the fundamental concepts of propositional logic and predicate logic
- › explain and apply modeling using discrete mathematics such as sets, lists, functions, relations and graphs.
- › describe the principles of various proof techniques such as induction, contradiction

IT TOOLS USED

- › Expertiza (for peer reviewing support)
 - › A bit cumbersome and not integrated with BB
 - › Very slow and still in a beta-stage
 - › Otherwise well-fit for purpose
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- › EDPuzzle (for augmenting videos with questions)
 - › Quite good to work with
 - › Probably we need to redo the question sessions more like Couseira etc

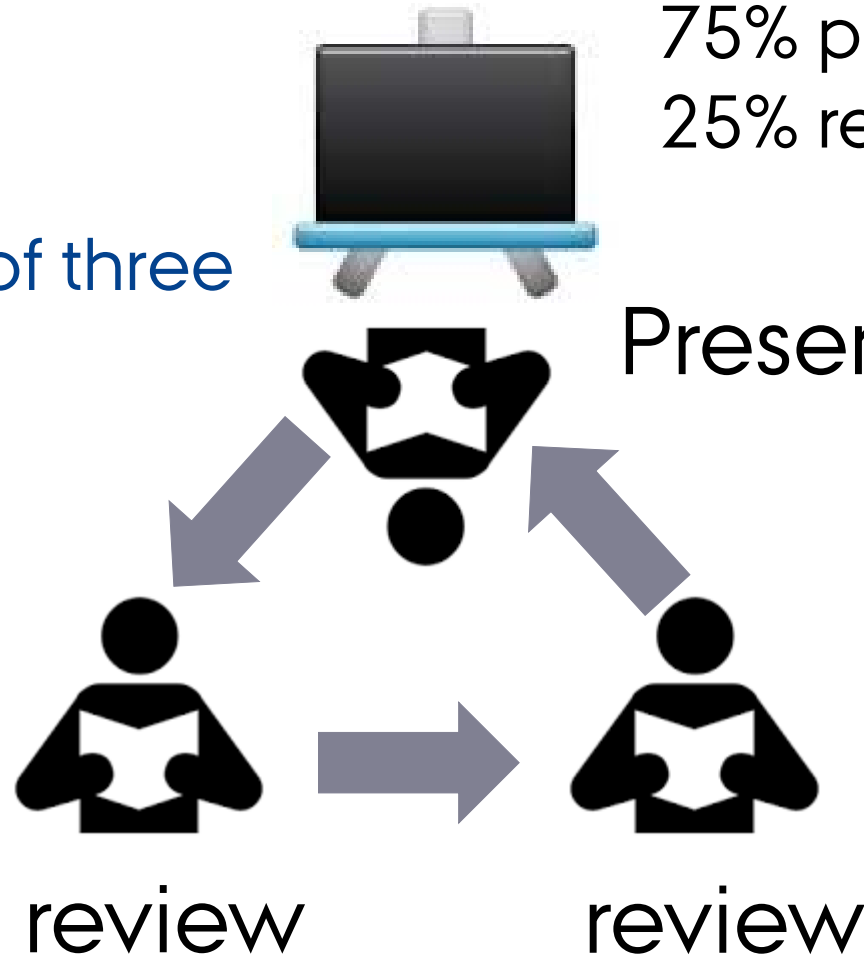
TWO WEEKS – IN CLASS

<i>Monday Week X (start of topic) (X =35,37,39,41,44,46,48)</i>	
1	Highlights of this weeks' topic (this is the lecture)
2	individual work with the hand-in
<i>Wednesday</i>	
1	Feedback on assignment
2	workshops (in some weeks trial exam)
<i>Monday Week X+1</i>	
1	workshops
2	individual work with the hand-in
<i>Wednesday</i>	
1	Workshops
2	Preparation and discussion about the exam question related to this week's topic Exam presentation and review

Trial exams are really worthwhile
although it can feel scary

EXAM

> In groups of three



Mark =
75% presentation +
25% review of 2 others

Practiced during the course

STUDENTS VIEW

Many of the students found it difficult to give feedback in the beginning, but they all found it to be much easier in the end

It took some time to figure out what good feedback is. There were a little “Law of Jante” [(Wikipedia.org, 2013b)], you would not point on others errors if it was wrong what you thought then you look like a fool. That way of thinking one need to get rid of [RJ]

I did the third trial exam [was a reviewer] and I found it difficult to see that you should not comment on the presentation but on the content ... I did not give much feedback [there] because I found it hard ... it was easier at the exam because I have learnt it [JI]

I did not learn a lot from it [reading others’ reviews] ... I think I learned more from doing the reviews [JI]

I liked to review the others in order to see how they have solved the exercise [JK]

The teacher send us an email where he wrote in much detail that you are expected to work six hours on this and four hours on that ... just when I got the mail I thought, “Wow, this is going to be a hardcore course” but it is actually quite nice to have some kind of indications and to know that when you have worked approximately six hours on the hand-in then you have used the correct amount of time on that. [KN]