

## **Problem Based Learning**

*The Aalborg Example: The visitors workshop at AAU*

de Graaff, Erik; Guerra, Aida

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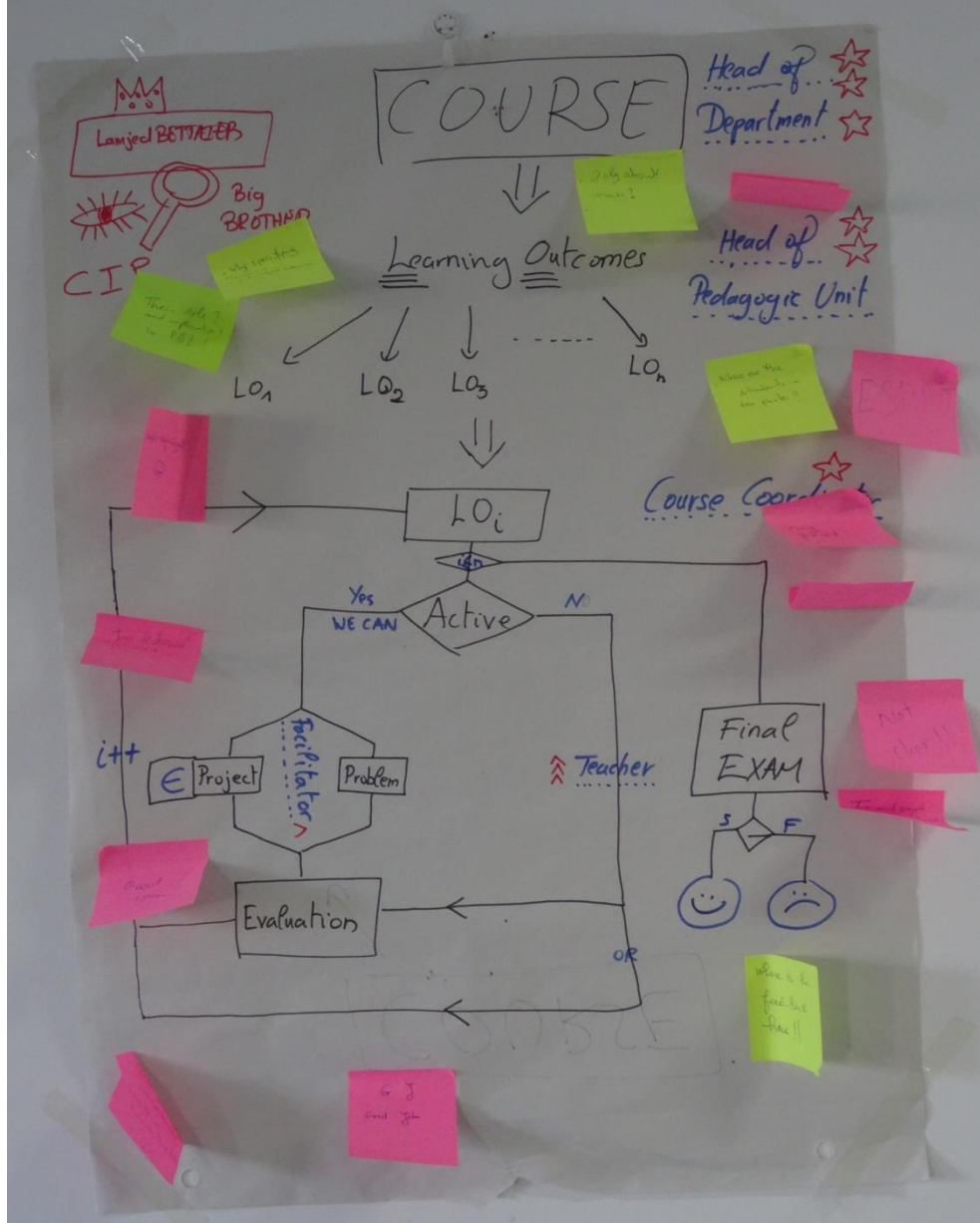
# PROBLEM BASED LEARNING

## THE AALBORG EXAMPLE: THE VISITORS WORKSHOP AT AAU

E. de Graaff<sup>1</sup> & A. Guerra<sup>1</sup>

### INTRODUCTION:

The Aalborg visitors-workshop gives an introduction to the Aalborg PBL model and to problem based and project based learning in general. The outline of the programme is presented below. The presentations are interactive with a lot of room for active participation, so you might say the new programme follows the principle of *‘teach as you preach’*.



### PBL PRINCIPLES:

1. Problem orientation
2. Project organization through teams or group work
3. Participant-directed
4. Experiential learning
5. Activity-based learning
6. Interdisciplinary learning
7. Exemplary practice.



### GROUP SPRING 2015



### WORKSHOP LEARNING OUTCOMES

- participants to gain a knowledge of PBL as a system and the various elements in the system: problems, projects, courses, learning objectives, assessment, students process skills (PBL-skills), content,
- participants to address critical issues such as: students’ “gap” of knowledge and skills, cooperation among teachers, authority, learning
- participants to develop a dynamic to do list for utilising PBL principles



### WORKSHOP EVALUATION SPRING 2015

Workshop logistics N = 14						
Please indicate your level of satisfaction (1=very dissatisfied / 5=very satisfied)	1	2	3	4	5	M
Information about the course was clear	1	2	4	5	2	3.36
Information about the course was in time		2	2	4	6	4.00
Relevance of PBL materials to teaching and learning in your University		2	3	5	4	3.64
Relevance of workshop material to your general academic profile	1	2	3	6	2	3.42
Workload of the workshop (1=too much / 3= satisfied / 5= too little)		1	7	4	2	3.50
Presentations						
Relevance of the programme to your University’s teaching and learning		4	4	5	1	3.21
Relevance of the programme to your general academic profile	1	3	5	3	2	3.14
The level of active involvement during the presentations		3	5	5	1	3.28

### PROGRAMME

#### Day 1

- 09.00 - Welcome by the head of UNESCO Chair
- 09.30 - Introduction PBL; Definitions of PBL
  - PBL models and learning principles
  - The Aalborg Model
- 10.30 - Project Work and teaching skills
- 12.00 - Lunch
- 13.00 - Case studies
- 14.00 - PBL and first year programme
- 14.30 - PBL courses for students and Question session with students
- 16.30 - End of the day

#### Day 2

- 09.00 - Visit to departments at the campus
- 12.00 - Lunch
- 13.00 - Assessment of study results in a PBL curriculum
- 14.00 - Question session & issues not covered
- 15.00 - Summing up and evaluation
- 15.30 - End of day



<sup>1</sup>Aalborg Centre for PBL in Engineering Education and Sustainability, Aalborg University, Denmark, [degraaf@plan.aau.dk](mailto:degraaf@plan.aau.dk); [ag@plan.aau.dk](mailto:ag@plan.aau.dk)