

## **TOOL 5100, Lecture 7, Questions, Oct. 15th, 2009**

1. Describe the pedagogical requirements of the learning software Synergeia.
2. What is collaborative knowledge building (CKB) and how is it manifest in the Synergeia system? I.e. what are some specific Synergeia CSCL features?
3. What are the three technical components of Synergeia architecture? Give a short description of each
4. Explain one lesson learned from the study conducted by Furberg on the benefits and pitfalls of prompting student reflection (i.e. a form of scaffolding by giving feedback) in an inquiry based learning environment
5. How can a sociocultural perspective contribute to a deeper understanding of students' engagement with web-based learning environments?
6. By adopting a socio-cultural perspective as Furberg does, she puts social practices and context of action in the foreground. What characterize the two social practices she describe in the article, what are the possible conflicts between them, and how can these conflicts be resolved and/or scaffolded?