

Learning and Teaching with Technology Seminar

Lunds Universitet, 21st – 23rd November 2011

Programme for Day 1, 9:30 – 16:00

Facilitator – Linda Price, Open University, UK

9:30 Introductions

Introduction from Linda Price

Introduction from you

10:00 Issues in teaching and learning with technology

Issues in learning and teaching with technology

Critiquing a use of technology in learning and teaching

Activity 1: what is this technology doing?

Things to consider when planning technology use in teaching and learning

Activity 2: what's the problem and what are you going to do?

12:00 Lunch

13:15 Presentation and discussion assessment, learning and teaching with technology

The influence of assessment

Activity 3: Which is best? - time for some fun

Activity 4: the influence of assessment on students' use of technology

Some examples of using technology in learning and teaching

15:50 Questions and round up - Planning for day 2 and day 3

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Programme for Day 2, 9:30 – 16:00

Project preparation: your task

On day 2 of the programme you will be able to prepare your plans for your project. This plan will be presented to the rest of your group on day 3. There are resources that have been made available to you in order to help with your preparations. However, you do not need to be confined by these: feel free to introduce your own readings and resources into your plans.

The resources available to you are:-

Resource	Purpose	Where to find it
A synthesis report on Enhancing learning and teaching through technology	To provide some insight into some of the issues in using technology in learning and teaching	http://www.lth.se/genombrottet/hoegskolepedagogisk_utbildning_kursutbud/digital_resources_in_teaching/ or http://kn.open.ac.uk/workspace.cfm?wpid=9631
Annotated list of articles related to uses of technology	To help find articles that may be of interest to your project development	http://www.lth.se/genombrottet/hoegskolepedagogisk_utbildning_kursutbud/digital_resources_in_teaching/ or http://kn.open.ac.uk/workspace.cfm?wpid=9631
Guide for academics using technology in learning and teaching	To provide some guidelines in the development of the project	http://www.lth.se/genombrottet/hoegskolepedagogisk_utbildning_kursutbud/digital_resources_in_teaching/ or http://kn.open.ac.uk/workspace.cfm?wpid=9631
Learners and learning in the twenty-first century: what do we know about students' attitudes towards and experiences of information and communication technologies that will help us design	Journal paper providing overview of some of the issues in using technology for student learning	http://www.lth.se/genombrottet/hoegskolepedagogisk_utbildning_kursutbud/digital_resources_in_teaching/

courses?		
Assessment and student learning: a fundamental relationship and the role of information and communication technologies	Journal paper providing overview of some of the issues in how assessment influences students use of technology for learning	http://www.lth.se/genombrottet/hoegskolepedagogisk_utbildning_kursutbud/digital_resources_in_teaching/
The impact of assessment on student learning	Journal paper that reviews how research literature can practically help to inform the development of assessment strategies and learner-centred assessment practices	http://www.lth.se/genombrottet/hoegskolepedagogisk_utbildning_kursutbud/digital_resources_in_teaching/

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Programme for Day 3, 9:30 – 16:00

Project Presentation: Your Task

You will be asked to provide a presentation to the rest of your colleagues in the seminar on your planned use of technology for learning and teaching. This is to offer you the opportunity of thinking through all the issues you will need to consider if you were planning to adopt a scholarly approach to using technology to support your students' learning. It will also help you prepare for developing a project and writing it up so that your work can be 'made public' or published under the umbrella of the scholarship of teaching and learning.

The following are a list of questions to help guide your thinking and to help you to structure your presentation. Use these as headings under which to present your thinking for your project. You may not have all your ideas crystallised under these headings yet, so you can present some of your concerns or some of the choices you may be thinking about, as your colleagues may have some suggestions.

- What is the learning (or teaching) issue you are trying to address?
- Why does it need to be addressed? How do you know it needs to be addressed? In what way do you hope to improve it?
- What is the topic area or discipline and at what level?
- What technologies are you planning to use and why?
- What evidence or literature have you drawn upon to help support or drive design of your use of technology in your course or module?
- What is (describe) the design of the innovation?
- What is the context within which it will be used?
- How does the innovation relate to assessed activities (formative or summative)? Does the nature of the assessment matter?
- How many students will be involved? Will this be appropriate for you to make a judgement about its worth?
- What kind of an evaluation will you undertake? Will this provide you with the evidence you need to make a judgement about its impact?
- What impact do you expect this intervention to have (on students' learning/or teaching practice/on the activities of others)?
- What is the match between the issue you have identified and your proposed solution?

Learning outcomes

Knowledge and Understanding

- To be able to describe a project that you will undertake that uses technology in learning and teaching.
- To be able to show that you are aware of some of the issues that need to be addressed in undertaking such a project.
- To provide an artefact that summarises the project explaining the main issues.

Cognitive skills

- To be able to select an appropriate area of student learning that may benefit from the use of technology.
- To apply appropriate criteria in making judgements about the match between the learning/teaching issue and the technological application.

Key skills and professional/practical skills

- To present and communicate your ideas to the rest of your colleagues in the seminar.
- To be able to use the presentation as a plan for the future project.
- To compare and contrast your ideas with your colleagues to help plan for the future project.