Teaching & Learning with ICT

Are you curious about what new possibilities information and communicative technology, ICT, can offer to enhance student learning? Or perhaps you are about to develop and implement a distance course? Irrespective of if you wish to improve your campus courses or if you aim to develop entirely net-based courses this is the course for you! The course aims to provide the participant with a basis for the development and implementation of ICT enhanced teaching, based on their own working situation. The course provides both practical experience and a theoretical basis for teaching in a virtual environment.

Learning goals
In this course it will be possible for you to develop:

• knowledge of the learning process for both individuals and groups in a virtual environment
• the ability to plan and document teaching, assessment and evaluation in a virtual environment
• insight into the role of the teacher and the altered prerequisites for students when education takes place with the support of ICT
• Knowledge of current legal and ethical questions with regard to the use of ICT in education
• based on research results in the field of ICT and the experience of colleagues, the ability to further develop your own teaching and learning
• the ability to evaluate and use the available ICT tools in a sound pedagogical manner to support the student in achieving his/her expected learning goals
• networks for questions concerning development and support
• insight into the role of the university and/or institution in the creation of a successful virtual environment and the resources available.

Content

• Pedagogical models
• Changing roles
• Prerequisites and attitudes
• Choosing tools; different possibilities
• Legal & ethical questions, Open Library
• Umeå University’s ICT policy, rules & regulations, cheating & plagiarism
• What does research say about ICT & learning?

Course structure

The course consists of a basic module, several one-day workshops and a project. The basic module focuses on theoretical aspects of ICT enhanced teaching and learning. The workshops focus mainly on practical activities to enable you to “learn by doing”. You have the possibility to choose at least three workshops from our selection: audio & visual tools, learning platforms, podcasting, e-meetings, from campus to net and collaborative learning. During the course you will also carry out a project which gives you the possibility of applying the practical and theoretical knowledge acquired during the course to your own teaching.

Course schedule

The course consists of a total of 2 weeks work, of which 5 days are timetabled for face-to-face meetings, 2 days in a virtual environment and 2 days for project work.