The Master Programme in ICT and Learning

e-Learning and knowledge building in digital networks
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Master in ICT and Learning (MIL) is a two-year Master Programme in e-learning with focus on integration of information technology, communication and learning processes.

The curriculum is interdisciplinary and problem-oriented. Through theory and practice the student acquires knowledge about how information and communication technology (ICT) can be used to enhance learning processes and to develop novel learning models.

The programme is delivered through the internet partly via a text-based virtual learning environment (VLE) and partly as online seminars using desktop video meeting software (VME). Essentially, the programme demonstrates how knowledge can be built and shared through design of e-learning and virtual learning processes. The programme offers unique learning conditions and an online infrastructure in which theory and practice become integrated. This is achieved through individual learning and collaborative learning assignments unfolding in both course work and as project work.

**Flexible method of instruction**
The manner in which the programme is designed enables participants to combine occupational employment with their studies. In addition, the delivery of the programme is based on a principle of flexibility allowing study and working conditions of the individual student to be taken into consideration.

**e-Learning and knowledge sharing**
The programme is of relevance to anyone who works with communication, development and implementation of ICT in learning contexts in private businesses as well as in public institutions.

This may be as designer, as developer of e-learning, software developer, project manager, as manager of ICT policy or as planner and conductor of education.

The programme draws on student experiences. As participants are extremely competent within each of their fields of expertise, the programme draws on student experiences. Participants contribute to the constellation of a vivid and lively social learning environment.

**Target group**
The Master Programme in ICT and Learning is attractive for occupational groups that are working with enhancement of e-learning, such as designers, engineers, software-developers, teachers, educators, librarians, knowledge managers, for instance within Human Resources.

**Participation offers opportunities, such as**
- development of competences for analysing, designing and implementing ICT in learning
- access to the current research within the field of ICT and Learning
- practical application of work experience in development of new qualifications
- professional environments with highly motivated co-participants
The MIL Programme

The Master Programme in ICT and Learning is framed by four modules, each consisting of three to four courses, 1-year project and Master Project. In addition, the programme includes online seminars/workshops on ICT-tools.

Each module comprises a theoretical and a practical approach to the subject matter. By including the participants' working experience, the learning process captures both theory and practice.

### Module 1: ICT-based Learning Processes

The module addresses design of learning in digital networks. It comprises individual and social (lifelong) learning processes, approached from the perspectives of both theory and practice. The module courses are delivered primarily through knowledge building dialog online.

### Module 2: ICT and Interaction Design

From the basic understanding that human-computer interaction (HCI) takes place through a multi-modal (text, images etc.) interface, the module deals with theories concerning man and cognitive processes. Focus is on analysis, design, testing and evaluation.

### Module 3: ICT and Organizational Learning Processes

The main focus of this module is knowledge sharing and knowledge management in learning organisations. The module comprises topics such as ICT-based intra- and interorganisational learning processes, organisational communication and continuous lifelong learning.

### Module 4: ITC and Educational Design

Based on educational theories, this module touches upon dimensions of scenography, dramaturgy and narrative which serve as foundation for design of networked learning. Departing from theories of communication, the module works with graphics, pictures, sound and animation.
**ICT-tools**
Online seminars/workshops on a selection of ICT-tools are offered as support for solving module assignments.

**1st year project**
A first year project is identified and produced relating to modules one and two and, potentially, integrating the work background of students.

**Master Project**
A final written Master Project is identified and produced relating to the overall curriculum of the programme. The scholarly qualifications and presentation skills of the student are assessed.

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**Single subject**
It is possible to enrol in a single module of the Master Programme.

In 2007, however, only modules one and two offer this option.

**Please note:**
Applicants who wish to participate in the Master Programme as single-module students must contact the MIL Secretariat prior to applying for admission.

**Teachers**
Teaching is performed by highly qualified postgraduate students and professors from the collaborating five universities that offer the programme:
- Aalborg University
- Copenhagen Business School
- The Danish University of Education
- Aarhus University
- Roskilde University

In addition, guest lecturers from other Danish and foreign educational institutions and representatives from the business world contribute.
Admission requirements
• A relevant three-year higher education (equivalent to a bachelor’s degree)
• A minimum of two years working experience

For further information, please see www.mil.aau.dk

Application form
Application for acceptance is carried out by submitting an application form to Aalborg University. The closing date for applications is 1st June 2007. The form can be downloaded at www.mil.aau.dk

Tuition fee and other expenses
The tuition fee for the programme is 15,000 DKK per semester, to be paid by biannually prior to the beginning of the semester. Beyond the 1st semester expenses may be subject to change.

Please note! Separate non-EU fees – see more on the homepage.

The fee covers expenses for tuition and up to three attempts at passing each exam. In addition, participants must calculate expenses for various written material, approximately 1,500 DKK per semester.

Further information
Please visit the MIL-homepage: www.mil.aau.dk

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Upon the closing day for applications, Aalborg University may abstain from establishing the offered programme due to an insufficient number of applicants or due to other special circumstances.
The Master Programme in ICT and Learning

The Master Programme in ICT and Learning is the result of cooperation between Aalborg University, Aarhus University, Copenhagen Business School, the Danish University of Education and Roskilde University.

The strength of the MIL programme lies in its highly diverse and interdisciplinary nature, which is firmly anchored in the core areas of ICT and learning within each of these five institutions.

The programme is of relevance to all who work within the areas of communication, the development and integration of ICT in learning processes in private businesses or in public institutions.