



## Course syllabus

Faculty of Technology

Department of Informatics

4IK505 Förändrings- och kunskapshantering, 15 högskolepoäng  
4IK505 Managing Change Processes and Knowledge Resources, 15 credits

### **Main field of study**

Informatics

### **Subject Group**

Informatics/Computer and Systems Sciences

### **Level of classification**

Second Level

### **Progression**

A1N

### **Date of Ratification**

Approved by Faculty of Technology 2014-10-03

The course syllabus is valid from autumn semester 2015

### **Prerequisites**

90 credits in informatics including a degree project 15 credits at bachelor level or equivalent.

## Objectives

After the course, the student:

- will understand knowledge as a commodity and how this commodity can be managed
- will have theoretical and methodological knowledge of project management and knowledge management in organizations
- should gain the ability to apply techniques for managing transformation / handling resistance and approaches to implementing organizational transformation.
- will be able to work with knowledge management project t, using knowledge management terms, concepts, techniques, and tools ensuring that change projects are organized and managed properly.

## Content

The course contains work tasks, including:

- business change analysis methods and theories
- knowledge management system development methodologies
- knowledge management models
- learning organizations and organization culture and learning strategies are analysed
- obstacles and problems connected to knowledge management.

## Type of Instruction

The teaching consists of lectures, seminars, cases and field projects. Individual literature papers and presentation of these papers. The participation in the seminars is compulsory.

## Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

The examination includes written individual PM's on the course literature, a group report on theoretically based field research, oral presentations and active participation in seminars, as well as presentation and defence of the field work.

## Course Evaluation

A course evaluation will be carried out and compiled after the course is completed. The compilation will be presented to the current board as well as to the students and filed by the coordinating department.

## Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: 4IL037, Change and Knowledge Management, 15 credits and 4IK005 Managing Change Processes and Knowledge Resources, 15 credits

## Other

Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

## Required Reading and Additional Study Material

### Required reading

Jashapara, Ashok *Knowledge Management: An Integrated Approach*, 2/E, Financial Times Press, 2011, 376 (376) Pages

Dalkir, Kimiz, *Knowledge Management in Theory and Practice (2nd Edition)*, MIT Press Cambridge, MA, USA 2011, 502 (502) pages

Newell, Sue, Robertson, Maxine, Scarbrough, Harry and Swan, Jacky, *Managing Knowledge Work and Innovation*, Palgrave Macmillan, 2009, 288 (288) Pages

Kotter, J. P., *Leading change*, Harvard Business School Press, 1996. 187 (187) pages.

Boonstra, Jaap J., *Dynamics of organizational change and learning*, Chichester: John Wiley, 2004.

Nonaka, Ikujiro, *The Knowledge Creating Company How - Japanese Companies Create the Dynamics of Innovation*, OUP USA, 1995

Compendium of Articles, Informatics Department, 200 pages.