



IV2030 Management of IT-enabled Change 7.5 credits

Hantering av IT-stödd förändring

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for IV2030 valid from Autumn 2007

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

This course does not belong to any Main field of study.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

After the course the student will be able to:

- Explain the need for organizational change and types and forms of organizational change.
- Analyze how to plan, organize and implement the organizational change.
- Identify how IT can assist the organizational transformation.
- Analyze the IT role in design of work, business models development and changing business processes.

The students will have also the opportunity to learn and enhance more their knowledge during their team project work by analyzing different case studies related to information technologies use in organizational change.

Course contents

- Organizations and organizational effectiveness
- Types and forms of organizational change
- Management of change
- Organizational impacts of IT use
- IT and the design of work
- IT and changing business processes
- IT in business model development
- Organizational transformation with IT
- Mobile computing and applications
- Organizational applications: Customer Relationship Management, Supply Chain Management, and Enterprise Resource Planning

Specific prerequisites

Basic knowledge in information systems/information technology.

Course literature

Main Textbooks:

- Gareth R. Jones, Organisational Theory, Design, and Change, International ed, 5/E, Prentice Hall, 2006
- Keri E. Pearlson, Carol. S. Saunders, Managing and Using Information Systems. A Strategic Approach, 3ed, John Wiley & Sons 2006
- Efraim Turban, Ephraim McLean, James Wetherbe, Information Technology for Management, 5th edition, John Wiley & Sons, 2006

Additional books:

- Jerry N. Luftman, Christine V. Bullen, Donald Liao, Elby Nash, Carl Neumann, Managing the Information Technology Resource: Leadership in the Information Age, Prentice Hall 2004

- Henry C. Lucas, Jr., Information Technology. Strategic Decision Making for Managers, John Wiley & Sons, 2005

Examination

- INL1 - Assignment, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- PRO1 - Project, 4.5 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Other requirements for final grade

The examination of the course consists in individual assignments (3 ECTS) and a team project (4,5 ECTS). The final grade will be based upon the average grade of the individual assignments and the team project (report and presentation).

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.