II2401 Economy and Leadership for Project and Functional Management 6.0 credits

Economy and Leadership for Project and Functional Management

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

Establishment

Course syllabus for II2401 valid from Autumn 2008

Grading scale

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

Education cycle

Second cycle

Main field of study

Information and Communication Technology, Information Technology

Specific prerequisites

Fundamentals in industrial management (i.e. 6B2359 Industriell ekonomi, gk) as well as fundamentals in information systems or ERP systems (i.e. 6B2352 Affärssystem, gk).

Language of instruction

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

Intended learning outcomes

Many companies have recognized the benefits of executing more of their business in projects. Projects should be well defined with a specific goal to be reached within a certain time limit by a separate organization. The purpose of the course is to prepare the student to successfully participate in as well as lead and manage projects.

After the course is finished, the student should be able to:

- Develop and document a plan, including schedule, critical path analysis and risk assessment, for a comprehensive IT-project, following the PPS methodology- Define and describe critical project processes, according to the definitions of PMBOK

- Evaluate and discuss the vision, mission and objectives for a given project- Perform an investment analysis (business case analysis) for an IT-project, based on the PENG-method

- Describe a project lifecycle as well as the concepts of Value Management and Economic Value Added- Discuss the differences between leadership and management- Describe different roles of a leader

- Describe different strategies for leadership competition

- Apply different strategies to succeed in power games

- Define what a group is and describe how groups are created and developed

Course contents

The course consists of lectures covering project management as well as group dynamics. In addition there is one seminar where the students will practice group dynamics as well as one exercise where the students will analyse a business case for an IT investment.

Examination

- ÖVN1 - Exercises, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- TEN1 - Examination, 3.0 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.

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

Other requirements for final grade

Passed written exam (TEN1; 3 hp) - grade A-F. Passed investment exercise (ÖVN1; 3 hp) - grade A-F. Final grade is calculated accordingly.

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.