IV1021 Project Management 7.5 credits

Projektledning

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 IV1021 valid from Spring 2009

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

For “single course” students:

- Completed documented upper secondary education incl documented proficiency in English and Swedish.

Language of instruction

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

Intended learning outcomes

The student shall after completed course be able to:
- Define and account for basic concepts in project managment such as planning, monitoring, risk management, estimations etc.
- List, exaplain and apply common planning tools such as MS Project, Pert, CRM, and WBS
- Exemplify and list different project models and how the different tools the students have learned during the course are related to these models
- Explain the relationship between IT projects and other projects
- Explain the project managers/proects role in the organization. Furhermore, the student should be able to diffrentiate project managers from line manager. What are the similarities, differences and areas of responsibility
- Analyze, compare, explain and apply theories and models concerning group dynamics, leadership and motivation
- Apply the above mentioned knowledge and competencies on a real business case.

Course contents

This course deals with projects as an occurance in organisations: the content and management of service as well as product organisations. More specifically, project goals, organization, planning, control, and follow-ups are addressed. Furthermore, common models used in today's industry aimed at enabling projects to run smoothly are covered. Also difficulties that project leaders and members have to face are discussed from a behavioristic perspective. Examples will be taken from the IT industry and students need to have a basic foundation in IT.
The course is divided into a theoretical and a practical part. In the practical part the student is required to apply the methods learned on a real business case in order to create a project plan. This plan will later be presented to the customer.

Disposition

The course activities are lectures, project work, laborations, tutorials and seminars.

Course literature

To be decided.

Examination

- PRO1 - Project Assignment, 3.0 credits, grading scale: P, F
- TEN1 - Examination, 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.

This course will utilize two different forms of examination: written examination that will evaluate theoretical knowledge and the student's ability to explain, define, and account for different concepts covered in the course, and for a project assignment that will evaluate the student's ability to apply theoretical knowledge.

Other requirements for final grade

To pass the course, the student needs to pass on both the written exam and the project assignment. The written examination will determine the final course grade based on the 7 step grading scale put forth by Bologna.

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.