



DEPARTMENT OF APPLIED INFORMATION TECHNOLOGY

TIG064 IT-management, Control & Strategy, 15 credits

IT - Ledning, Styrning & Strategi, 15 högskolepoäng

First Cycle

Confirmation

This course syllabus was confirmed by The IT Faculty Board on 2007-10-24 and was last revised on 2019-06-19 by Department of Applied Information Technology to be valid from 2019-09-02, autumn semester of 2019.

Field of education: Science 100%

Department: Department of Applied Information Technology

Position in the educational system

The course is an elective in-depth course in the third year of the programme specified below.

The course can be part of the following programme: 1) Information Systems: IT, Users and Organizations, Bachelor's Programme (NISYS)

Main field of studies

Informatics

Specialization

G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Entry requirements

For admission to the course:

For students admitted to the programme:

Registration on the earlier courses in the programme of which at least 60 credits are completed.

For applicant to freestanding courses:

General entry requirements for higher education: Mathematics B and Social studies A.

The grade should be at least Pass in both subjects.

Furthermore, 60 credits the equivalent of the informatic courses are required: Information Technology and Information Systems, 15 credits; Organisations and Information, 15 credits; Programming and Databases, 15 credits and Systems Development Project, 15 credits or the equivalent as specific entry requirements.

Learning outcomes

On successful completion of the course the student will be able to:

Knowledge and understanding

- discuss the concept of change from different levels (society, organisations and individual) based in scientific theories;
- explain the interaction between technical and non-technical aspects in IT-facilitated change and implications of these for work and organisation;
- discuss the concept of strategy based on different dimensions (business's, ICE, IT) rooted in scientific theories;

Competence and skills

- relate the content of a scientific article and clarify its implications for practice and research in the knowledge area;
- prepare and lead a seminar based on a scientific article;
- apply scientific theories and independently analyse a case, distinguish strengths and weaknesses and identify improvement measures for strategy development;
- carry out a systematic future and situation analysis of an issue;

Judgement and approach

- compare and contrast scientific theories of organisation and management of IT-enabled change processes;
- argue the advantages and disadvantages with different procedures for organisation and management of IT-enabled change processes in different organisational contexts.

Course content

The course introduces theories about social processes, change and management in organisations. Further, the course treats specific theories of change in connection with development and introduction of information systems. The course is taught through lectures, seminars and group assignment.

Form of teaching

The teaching on the course takes the form of lectures, seminars, and independent group work.

Language of instruction: Swedish

Assessment

The course is examined through an individual oral and written assignment (7.5 credits) and a written group assignment (7.5 credits).

If a student, who has failed the same examined element on two occasions, wishes to change examiner before the next examination session, such a request is to be submitted to the department in writing and granted unless there are special reasons to the contrary (Chapter 6, Section 22 of Higher Education Ordinance).

In the event that a course has ceased or undergone major changes, students are to be guaranteed at least three examination sessions (including the ordinary examination session) over a period of at least one year, though at most two years after the course has ceased/been changed. The same applies to work experience and VFU, although this is restricted to just one additional examination session.

Grades

The grading scale comprises: Pass with Distinction (VG), Pass (G) and Fail (U).

The grading scale is Pass with distinction, Pass and Fail for the individual assignment and Pass and Fail for the group assignment. In order to receive Pass on the course, Pass is required for both assignments. For the final grade Pass with distinction it is required that the individual assignment has been given the grade Pass with distinction and that the group assignment has been given at least the grade Pass.

Course evaluation

Students who participate in or have completed a course should be given the opportunity to present experiences and views in the course in an anonymous course evaluation. It should be carried out electronically as far as possible. The result of the course evaluation should be made available for the students. The next time the course is given, a compilation of the last performed course evaluation, including possible changes brought about as a result of course evaluations, are to be presented.