



DEP OF APPLIED INFORMATION TECHNOLOGY

TIG162 Enterprise Systems, 15 higher education credits

Affärssystem, 15 högskolepoäng

First Cycle

Confirmation

This course syllabus was confirmed by Department of Applied Information Technology on 2014-03-12 to be valid from 2014-09-01, autumn semester of 2014.

Field of education: Science 100%

Department: Dep of Applied Information Technology

Position in the educational system

The course is an in-depth course in the programme Information Systems: Users and Organizations, (180 credits). The course is also given as a freestanding course.

The course can be part of the following programme: 1) Information Systems: IT, Users and Organizations, Bachelor's Programme (N1SYS)

Main field of studies

Informatics

Specialization

G1F, First Cycle, has less than 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 30 credits are completed.

For applicant to freestanding courses:

At least 30 credits in the main field of study of Informatics or the equivalent as specific entry requirements.

Learning outcomes

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

Knowledge and understanding

- describe conceptual models of management control by means of enterprise systems and describe how enterprise systems govern and support organisations
- describe the functionality and architecture of the enterprise systems
- show relationship between enterprise systems and organisations' value creation

Skills and abilities

- carry out laboratory work by means of enterprise systems (for example ERP, CRM, SCM)
- describe the relationship of the enterprise systems to organizational and information technology perspectives

Judgement and approach

- evaluate benefits and problems at the implementation of enterprise systems
- based on relevant theory analyse and assess ethical aspects of enterprise systems
- assess ethical consequences and aspects of sustainability by choice of technology

Course content

The course consists of a theoretical part and of a project. In the theoretical part, the course material is treated at literature seminars with presentation and discussion. Fields which are highlighted more specifically are:

- the role of the enterprise systems in organisations and how enterprise systems are used to implement strategies in practical control, follow up and sustainability issues
- understanding of management control solutions in organisations
- terms of enterprise systems and concepts based on a system development perspective
- enterprise systems in the public sector

- implementation of enterprise systems for efficiency improvement and processes and logical improvements of information flows

In the project, a basic understanding is given for what an enterprise system looks like and analysis of how a company uses enterprise systems to support enterprise processes and the management of the company. As part of the project, laboratory sessions are made by means of enterprise systems.

In both of the course modules orientation about current research and trends in the subject area of enterprise systems are given, particularly concerning methodologies and frameworks.

Form of teaching

Language of instruction: Swedish

Assessment

The course is examined through a written examination (7.5 credits) and a written group assignment (7.5 credits). The grading scale is Fail, Pass, Pass with distinction for the examination and Fail, Pass for the group assignment.

A student has the right to request a change of examiner if failed twice on the same examination, if this is practically possible. The application shall be sent to the board of the department and has to be in writing.

Grades

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

The final grade Pass is given if both examination parts have been given at least the grade Pass. The final grade Pass with distinction is given if the examination has been given the grade Pass with distinction and the group assignment has been given at least the grade Pass.

Course evaluation

On completion of the course, a course evaluation is carried out. The participating students are given the opportunity to participate anonymously. Course evaluations should be made electronically as far as possible. The result is compiled by the course coordinator and is made available for the students. Possible measures due to the result of the course evaluation is presented. The compilation of the course evaluation is also made available for new students at the start of the course the next time it is given.

Additional information

The course may not be included in a degree together with TIG060 Organizations and Enterprise Systems 15 credits.