IV2001 Internet and ERP Systems 7.5 credits

Internet och affärssystem

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 IV2001 valid from Autumn 2008

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

Completed upper secondary education incl documented proficiency in Swedish B and English A or equivalent.

Language of instruction

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

Intended learning outcomes

The aim with the course is to give the students knowledge of concepts, methods and models that can be helpful in understanding how Internet and ERP-systems can give organisations business benefits and how organisational business models are changing when e-business is being used.
On successful completion of this course students should have reached the following learning outcomes:
- Know the basic character of ERP-systems and why they are important
- Explain how different applications such as Customer Relationship Management, Selling Chain Management, and Supply Chain Management can affect business models and bring business benefits
- Give proposals and examples on how different e-business strategies can be implemented
-Recognize the four main periods of the e-business revolution over the past decade and explain the peculiar characteristics of each period
- Explain how the Internet transforms the traditional value chain
-Explain how firms can open up new market spaces and thereby create completely new types of value
-Assess the benefits and drawbacks of different organizational set-ups for e-business activities

Course contents

When you combine business use of the Internet with enterprise systems you get organisational possibilities to create e-business and e-commerce. E-business can be seen as a complex fusion of business processes, applications, and organisational set-ups that are neccessary for the creation of competetive business models. One prerequisite of this is to be able to handle business transactions effictively in a unified database. Enterprise systems are created for just that.
Internet and Intranets are exelent tools to access and present information but not for handling of business transactions and database storage. The course focuses on how the Internet and Enterprise Systems can be effectively combine and how new business models can be created.

Disposition

Lectures, practical assignments and seminars.

Course literature

Kalakota, Ravi. Robinson, Marcia: e-Business 2.0
Upplaga : Second Edition

Examination

- PRO1 - Project Work, 3.0 credits, grading scale: A, B, C, D, E, FX, 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.

The course contains of a theoretical part based on the course litterature and chosen articals. The practical part consists of a group assignment based on dfferent kinds of E-Business. The assignment should be documented in a report that is being presented and discussed at a seminar.
The theoretical part gives 60% of the total credits and is based on a written exam. The project assignment give the rest of the credits. The overall credits for the course is based on the written exam and project assignment that has passed.

Other requirements for final grade

The overall credits for the course is based on the written exam and project assignment that has passed.

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.