



APPLIES TO ACADEMIC YEAR 2012/2013

INF 3637 Strategic IT-Management

Programme

Bachelor in IT-management (3. year)

Responsible for the course

Petter Gottschalk

Department

Department of Leadership and Organizational Behaviour

Term

According to study plan

ECTS Credits

7,5

Language of instruction

Norwegian

Introduction

Information and communication technology is applied in organizations to enable more efficient and effective execution of work processes. Strategic IT management implies that the application of IT is both influenced by as well as itself influencing organizational strategy. Students learn how corporate strategy interacts with strategic application of IT in an optimal interdependence.

This course provides students with an understanding of relevant challenges that are of importance in management of IT units that support business applications of information technology by developing and implementing an IT strategy. This includes how IT functions are best organized in enterprises, and how IT functions might be managed.

Learning outcome

Knowledge objectives

At the end of this course, students should have acquired

- insights into interdependencies and synergies between strategy and technology
- understanding of strategy's importance to influence business development
- knowledge of technological means to implement strategy
- knowledge of IT functions as implementers of IT strategy.

Skills objectives

At the end of this course, students should have acquired the skill to

- develop and analyse elements in a strategy with technology as enabler
- develop and evaluate alternatives for implementation of strategy
- develop and implement action plans based on a chosen strategy
- identify leadership roles when implementing IT strategy

Attitude objectives

At the end of this course, students should have acquired an attitude characterized by

- an understanding of long-term versus short-term goals and activities during planning
- an ability to describe an IT function adapted to strategic IT governance
- a willingness to choose direction and prioritize resources
- an involvement to go for results

Prerequisites

Compulsory reading

Books:

Gottschalk, Petter og Tom Erling Henriksen. 2004. Operativ IT-ledelse. Fagbokforlaget
Gottschalk, Petter. 2002. IT-strategi. Fagbokforlaget

Recommended reading

Course outline

- Development of IT strategy
- Implementation of IT strategy

- IT governance
- Y model
- IT planning
- IT Management
- Chief Information Officer (CIO)
- Outsourcing
- Managing IT resources
- Information security
- Value configurations
- Managing IT functions

Computer-based tools

Use of Internet, text tools, and program for causal loop diagramming.

Learning process and workload

This course is lectured in 45 hours and the students are kept activated throughout the course by hand-ins and presentations that will be defined in the beginning of the course.

The subject for the project paper will be published one month after the semester start. Throughout the course, the students are required to give a presentation in the classroom. The feedback given here will be useful input for work on the project paper.

Recommended use of time:

Activity	Hours
Participation in lectures	45
Reading literature	55
Hand-ins and presentations	20
Working on the project paper	80
Recommended use of hours	200

Use of hours

Examination

The course is completed by a project paper of about 20 - 30 pages. The project paper can be solved individually or in groups of up to 3 students. It is recommended to write the project paper in groups.

Examination code(s)

INF 36371 - Project Paper, counts 100% towards the grade in INF 3637 Strategic IT-Management, 7.5 credits.

Examination support materials

All support materials are allowed.

For more information about examination and support materials, please see <http://www.bi.no/studiehandbok/hjelpemidler>

Re-sit examination

This course will be lectured for the last time spring 2013. Last re-sit examinations will be offered autumn 2013 and spring 2014.

Additional information