



GRA 2352 Strategic IT Management

Studium

Siviløkonomstudiet (spesialisering)

Kursansvarlig

Petter Gottschalk

Institutt

Teknologiledelse

Semester

Vinter

Vekttall

2

Mål

Strategic information technology management is based on the premise that it is difficult, if not impossible, to manage a modern business or public organization without at least some knowledge of the planning, use, control and benefits of information technology. Managers need to have an understanding of strategy development, including the current technology situation, the current and desired business situation, the need for changes, the application portfolio, and organizational and human resources issues in the area of information technology.

Forkunnskaper

Ingen spesielle.

Obligatorisk litteratur

Andersen, Erling S. and Petter Gottschalk. 2001. *Information Technology Management*. Oslo: Universitetsforlaget. (175 pages).

Gottschalk, Petter, 1998. *Content Characteristics of Formal Information Technology Strategy as Implementation Predictors*. Oslo: Tano Aschehoug (nå Universitetsforlaget).

Gottschalk, Petter, 2002. *Strategic IT Management*. Lecture Notes. Sandvika: BI Publishing.

Anbefalt litteratur

Robson, Wendy. 2001. *Strategic Management and Information Systems*. 3rd ed. London: Pitman Publ.

Emneoversikt

- Information management
- Knowledge management
- IT strategy
- Current IT situation
- Key issues in IT management
- Critical success factors
- Desired IT situation
- Strategic use of IT
- IT application portfolio
- Organization and human resources
- Leadership roles of the IT manager
- Strategy work
- Implementing the IT strategy

Dataverktøy

All administrative communication between faculty and students will be on the Web.

Gjennomføring

The course has 30 contact hours that include lectures, student presentations, and discussions. Class participation is mandatory. The course will be scheduled in as seminars and workshops during the term.

Eksamen

Presentation (20%) Each student is to give a short lecture on a topic covered by the compulsory literature.

Research Paper (40%) Each student is individually to research an information technology strategy (IT strategy) of relevance to the course and to report back to the whole class in the form of a presentation and a research paper.

The research paper must be conceptual in nature and academic in orientation, while the IT strategy must have real organizational context in local industry. The research paper should evaluate both IT strategy process and IT strategy contents of one particular business organization.

Group Project (40%). Groups of 2-3 students are to research a topic in the area of strategic information technology management. The project report should present a literature review for the area. The selected area can be linked to thesis work.

Eksamenskode(r)

GRA 23521

Hjelpemidler til eksamen

Alle hjelpemidler tillatt

Kontinuasjon

Ved neste oridnære eksamen for kurset