



Course syllabus

Faculty Board of Science and Engineering

School of Computer Science, Physics and Mathematics

1IL038 Grunderna för informationsförsörjning i processer, 9 högskolepoäng

1IL038 The basics in Information Provision in Processes, 9 credits

Main field of study

Informatics

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

First Level

Progression

G1F

Date of Ratification

Approved 2009-12-15

Revised 2012-06-08 by School of Computer Science, Physics and Mathematics.
Literature list is revised.

The course syllabus is valid from autumn semester 2012

Prerequisites

Change Management, 7 hec* (1IL008), Supply Chain Management, 7 hec* (1IL018) and Information Technology Overview, 7 hec* (1IL028) or equivalent.

*hec= higher education credits

Objectives

After completing the course the student:

- have basic skills and ability to structure and streamline information management in business processes, both within and between organizations and on an individual level
- shall be able to apply the previous theory courses in a major assignment.

Content

The course is structured on the basis of the following five parts:

Part 1: Describing an information management process (IFP) from four different perspectives (flow structure, management structure, technical architecture and knowledge and understanding of the structure).

Part 2: Analysis of information needs and efficiency from a supply chain in the selected IFP.

Part 3: Analysis and streamlining of systems and information integration in the selected IFP.

Part 4: Develop an improvement plan with the project plan for implementation of previous moments results.

Part 5: Final consultant's report.

Type of Instruction

Teaching consists of seminars, group work and introductory lectures. In seminars and group work are tied to the student's experience of work connected with the theory.

Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

On request, students may have their credits translated to ECTS-marks. Such a request must be sent to the examiner before the grading process starts.

Assessment of the student's performance is made by assignments and seminars. Students who do not pass the regular examination are given the opportunity to do a resit examination shortly after the regular examination.

Course Evaluation

A written course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The course evaluation will be filed at the department.

Required Reading and Additional Study Material

Required reading

Literature in the previous courses:

1IL008, Change Management, 7 credits

1IL018, Supply Chain Management, 7 credits

1IL028, Information technology overview , 7 credits,

in addition depending on the students chosen field,

Kotter, John P (1996), *Leading Change*. Boston: Harvard Business School Press. 187 p. ISBN: 978-0-87584-747-4.

Martin, Vivien (2003), *Leading Change in Health and Social Care*. New York: Routledge. 186 p. ISBN: 978-0-415-30546-4.

Wisén, J., Lindblom, B. (2009), *Effektivt projektarbete*. 8. ed. Stockholm: Norstedts Juridik. 331 p. ISBN: 978-91-39-10952-5.

Björnland, Dag, Persson, Göran Virum, Helge (red.) (2003), *Logistik för konkurrenskraft : ett ledaransvar*. 1. uppl. Malmö: Liber. 381 p. ISBN: 978-91-47-06491-5.

Slack, Nigel, Chambers, Stuart, Johnston, Robert & Betts, Alan (red.) (latest edition), *Operations and Process Management* Harlow: Prentice Hall. 541 p.

Kroenke, David M. (latest edition), *Using MIS* Pearson International Edition. Harlow: Prentice Hall. 400 p.

Björklund, Maria & Paulsson, Ulf (2003), *Seminarieboken : att skriva, presentera och opponera*. Lund: Studentlitteratur. 138 p. ISBN: 978-91-44-04125-4.

Additional literature set in conjunction with the course teacher in each part.