Linnæus University

Jnr: 2019/3346-3.1.2.2

Course syllabus

Faculty of Technology
Department of Informatics

5IK506 Digital kapacitet för organisatorisk flexibilitet, 7,5 högskolepoäng

Digital Capability for organizational agility, 7.5 credits

Main field of study
Informatics

Subject Group
Informatics/Computer and Systems Sciences

Level of classification
Second Level

Progression
A1F

Date of Ratification
Approved by Faculty of Technology 2019-11-08
The course syllabus is valid from autumn semester 2020

Prerequisites
30 credits of completed courses in Informatics at advanced level or equivalent.

Objectives

Knowledge and understanding
after completing the course students should be able to:

- Demonstrate familiarity with central concepts and models that raise the concept of digital capability and its relationship to organizational agility
- Describe and explain concepts and models that can be used to explore the logics of IT-enabled value, competition and organization.
- Identify and describe digital technologies' strategic role for contemporary organisations.

Skills and abilities
after completing the course students should be able to:

- Analyse strategic use of digital technologies for organizational agility.
- Analyse and identify challenges, opportunities and practices associated with the formulation of organizational digital strategies and its alignment with other aspect of the organization.

Evaluation ability and attitude
after completing the course students should be able to:

- Identify and value the core content of the literature used in the course

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- Critically analyse and reflect on strategic use of digital technologies in different aspects of organizational and social life.

Content

The course focuses on the interplay between organisational and IS strategies including implications of such interplay on strategic intentions, business initiatives, organizational practices and structures.

The course includes the following elements:

- theories and approaches for strategizing in IT-enabled strategic landscapes
- the concept of digital capability in the organizational context and its implications on organisational practices
- theories and approaches for digital transformation, including elevating value propositions by leveraging digital technologies

Type of Instruction

Teaching consists of live and recorded lectures, tutorials, supervised group work and seminars.

Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.
The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

Assessment of student performance is made through:

1. An individual argumentative essay on the concept of digital capability with a defined focus on one of the themes emerged from the literature.
2. Group assignment containing a report and oral presentation of applying theoretical material covered in the course on specific phenomenon or case.

The different examination items are weighted as follows:

1. 4 credits
2. 3.5 credits

To obtain the minimum E grade, at least E on all examination items are required. The final grade is a weighted average of the assessment methods.

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University.

If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

Course Evaluation

During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

Other

Grade criteria for the A–F scale are communicated to the student through a special

document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

Required Reading and Additional Study Material

Informatics Compendium and digital material, Linnaeus University, app. 300 pages