COURSE SYLLABUS
Entrepreneurial Governance of IT, 7.5 credits

Entrepreneurial Governance of IT, 7,5 högskolepoäng

Course Code:	TEGR26	**Education Cycle:**	Second-cycle level
Confirmed by:	Dean Dec 1, 2015	**Disciplinary domain:**	Technology (95%) and social sciences (5%)
Valid From:	Jan 1, 2016	**Subject group:**	IF1
Version:	1	**Specialised in:**	A1N
Reg number:	JTH 2016/493-313	**Main field of study:**	Informatics

Intended Learning Outcomes (ILO)

After a successful course, the student shall

Knowledge and understanding
- show familiarity with basic components, architectures and roles in IT-enabled enterprises.
- display knowledge of the importance of integration and key issues in implementing and using IT in an enterprise context.
- demonstrate comprehension of the value of IT and the importance of its governance in organizations.
- display knowledge of current issues, concepts and frameworks for enterprise governance of IT.

Skills and abilities
- demonstrate skills of analyzing IT governance initiatives.
- demonstrate skills of applying appropriate frameworks and provide recommendations for implementing and using IT governance in real cases within a given time limit.
- demonstrate the ability to discuss and present both in writing and orally critical issues in IT governance.

Judgement and approach
- demonstrate the ability to review the literature and report on the characteristics and relationship between different IT governance frameworks.
- demonstrate the ability to conduct case studies and outline both individually and in collaboration with other group members on challenges and critical issues in enterprise governance of IT.

Contents

The topics covered in the course includes:
- Different types and components of enterprise systems
- Enabling technologies, architectures and integration in an enterprise context
- Principles of enterprise governance of IT and managerial issues
- IT governance frameworks, like COBIT, ITIL and IT BSC, and approaches to enterprise

governance of IT.

Type of instruction

Lectures and seminars.

The teaching is conducted in English.

Prerequisites

Passed courses 180 credits in first cycle, at least 90 credits within the major subject in Computer Engineering, Electrical Engineering (with relevant courses in Computer Engineering), Informatics, Computer Science, Interaction Design (with relevant courses in web programming and English B

Examination and grades

The course is graded 5,4,3 or Fail.

ILOs 1, 2, 3 and 4 will be examined through the written individual exam.
ILOs 5, 6, 7 and 9 will be examined through individual and group case assignments.
ILO 8 will be examined through individual literature review assignment.
To pass the course, students must pass each examination element. The final grade is based on the combined result of all exams.

Registration of examination:

Name of the Test	Value	Grading
Written exam	3.5 credits	5/4/3/U
Assignments	3 credits	5/4/3/U
Literature review	1 credit	5/4/3/U

Course literature

Literature
Moeller, R.R. (2013). Executive's guide to IT governance: improving systems processes with service management, COBIT and ITIL.
Harvard cases
Articles
The literature list for the course will be provided one month before the course starts.