



COURSE SYLLABUS

IT Project Management: Leadership and Control, 7.5 credits

Ledning och styrning av IT-projekt, 7,5 högskolepoäng

Course Code: TLR24	Education Cycle: Second-cycle level
Confirmed by: Dean Mar 1, 2024	Disciplinary domain: Technology
Valid From: Aug 1, 2024	Subject group: DT1
Version: 1	Specialised in: A1N
	Main field of study: Product Development

Intended Learning Outcomes (ILO)

After a successful course, the student shall

Knowledge and understanding

- demonstrate knowledge of prerequisites and the life-cycle for IT projects, including methods for both traditional and agile management of IT projects
- demonstrate knowledge of central theories within group dynamics, including how the group dynamics affect the group's results and climate
- demonstrate knowledge of the fundamental chores and responsibilities for a project manager, including the project manager's influence on group dynamics

Skills and abilities

- demonstrate the ability to formulate project goals that are user-focused, realistic, solution-neutral and evaluable, that account for the project's relationship to its environment and stakeholder analysis
- demonstrate the ability to describe, chose and use methods and tools for detailed time planning, risk management, budgeting, management and control, and evaluation of IT projects

Judgement and approach

- demonstrate judgement of the importance of various perspectives (genus, social sustainability, cultural) with regards to problem definition, analysis and proposed solutions within project management, group dynamics and leadership
- demonstrate judgement regarding the project work's influence on the individual, and the analysis of one's own learning and knowledge development in relation to this.

Contents

The course consists of two main parts, one within group dynamics and leadership, and the other within IT project management and control. Group dynamics and leadership contains theories and models for how the individual's, the group's and the leader's behaviors affect each other. The course also contains fundamental project methodology with models and tools for the project leader, especially with regards to IT projects.

The course includes the following elements within group dynamics and leadership:

- Judgements and behaviors
- The communication process
- Inter-cultural communication
- Leadership and employeeship
- Change behaviors
- Group dynamics

The course includes the following elements within IT-project management and control:

- The project as a working model, with a specific focus on IT projects
- The project management role
- Project models
- Needs analysis and specifications
- The project definition including risk analysis, stakeholder analysis, and cost planning
- Planning and continuous monitoring of projects
- Meeting techniques
- Evaluation

Type of instruction

Lectures, exercises and seminars.

The teaching is conducted in English.

Prerequisites

General entry requirements and passed courses 150 credits in first cycle, including taken course Software Development 7,5 credits (or the equivalent).

Examination and grades

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

Registration of examination:

Name of the Test	Value	Grading
Examination ¹	4.5 credits	5/4/3/U
Assignment	3 credits	U/G

¹ Determines the final grade of the course, which is issued only when all course units have been passed.

Course literature

The literature list for the course will be provided 8 weeks before the course starts.

Title: Projektledning, upplaga 7

Author: Bo Tonnquist

Publisher: Sanoma utbildning, 2018

ISBN: 9789152354988

Title: Scrum and Xp from the Trenches - 2nd Edition

Author: Henrik Kniberg

Publisher: Lulu.com, 2015

ISBN: 9781329224278