



version 091105

PV24

PROJECT LEADERSHIP WITH TECHNICAL CONSULTING (7,5 ECTS)

Projektledning med teknisk konsultation (7,5 hp)

Extent

The course gives 7,5 ECTS (högskolepoäng) at the Ph.D. level

Language

English

Prerequisites

ProViking Ph D students with minimum 1 year of Ph D studies.

Examiner and Course Director

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Course description

Project leadership is one of the most important managerial activities in modern companies as the momentum of a company's aggregated projects shapes the future of the organisation. Consequently, knowledge about projects, and project leadership is decisive for many categories of employees in an organization.

While the challenge for the organization as a whole is to plan and execute a number of projects simultaneously, the challenge on the individual level – for example for a professional knowledge worker or a specialist such as a Ph.D. – is that of integrating his/her personal knowledge into existing projects, products and processes. The work of such specialists can therefore be described as a type of internal (or external) consulting activity. Accordingly, project management skills in combination with consulting skills become central in order to effectively utilize the competences and knowledge of specialists in organizations.

Aim and Goals

The overall aim of this course is to provide the students with knowledge and skill in order to work effectively as specialist /consultant, project leaders and project members in complex multi-disciplinary project settings. In particular the course is designed to fulfil the needs of Ph.D. students working in engineering and in the technical field who look for a career in industry or who have an ambition to work close to industry and/or with industry related problems.

After the course the student should:

- Be able to describe typical situations for project leaders as well as strategies for managing them
- Have a deepened understanding for the own role as a team member, how to manage team dynamics as well as how to manage teams of teams in engineering settings
- Have overall knowledge of how to manage virtual and cross-cultural teams
- Be able to describe preconditions for technical consulting and the process of consulting

- Be able to package and communicate technical knowledge in an consultancy relation
- Have developed own client intervention styles
- Have a deep knowledge in one particular topic relate to the course
- Have developed a “selling proposition” of the own dissertation project

Course Structure

The course consists of three parts:

1. An introductory exercise (conducted before the first meeting)
2. Physical meetings (2+2+1 day) and
3. Examination through a term paper and a selling document.

The introductory exercise is a self study exercise done in pairs of two before the course starts. In this exercise, basic project management planning tools and techniques should be applied to a case study. For students who have already taken a course in project management this exercise functions as knowledge update. For those student who not have earlier experience from project management, the exercise is intended to introduce basic concepts and techniques. Pass on this exercise is a requirement for starting the course.

The physical meeting part consists of three physical meetings (2+2+1 day) each covering different topics (see below).The first and last meetings are held at KTH and the intermediate meeting is held at Chalmers University of Technology.

The term paper should cover a selected area within the field of project management or technical consulting. The paper is presented at the last meeting.

The selling document should describe the research area of the student, presented in such a way that it could be interesting for a hypothetical target client. It is made in PowerPoint and Word and/or interactive media and is presented at the last meeting.

All participants will have access to course material published at BILDA (<http://bilda.kth.se>). To receive an account at BILDA you need to be registered to the course and provide an e-mail address.

Course meetings and Content

The course comprises three meetings (2+2+1 day) according to the following.

Meeting	Content	Location
April 14-15, 2010	<ul style="list-style-type: none"> • Commercializing technological knowledge through technical consulting: individual skills vs packaged consultancy offers • The technical consultancy cycle • Study visit to a consultancy company • Consulting skills 	Dept of Industrial Economics and Management. (KTH, Campus Valhallavägen: Lindstedtsvägen 30) Room: 543
May 5-6, 2010	<ul style="list-style-type: none"> • Academic vs Industrial project leadership • The project organization: leader, member, team, steering committee • Knowledge integration in complex projects, multi-project organizations • Line vs project conflicts • Managing teams of teams 	Chalmers, Campus Lindholmen (Hörselgången 4): Building Jupiter, 5 th floor, conference room
June 3, 2010	<ul style="list-style-type: none"> • Presentation and discussion of term papers and selling documents. • Examination and diploma 	Dept of Industrial Economics and Management. (KTH, Campus Valhallavägen: Lindstedtsvägen 30) Room 543

Examination and Grading

The course is examined through: active participation at the course meetings, a term paper and the selling presentation. Grading: Pass/Fail.

Application

Send an e-mail to the course director: Matti Kaulio, Dept. of Industrial Economics and Management, Royal Institute of Technology (KTH). Email: mkaulio@kth.se

The e-mail should comprise:

- Your name
- Department and topic of PhD studies and
- Year of Ph D studies
- Contact information (e-mail, phone and address)

Last day for application is the 1 of March 2010.

Literature

The literature will be defined later but includes:

- One book on consulting
- One book on project management and
- Selected articles.

Cost

The course is free of charge for ProViking Ph D students.

The cost for other students is 9000 SEK plus hotels and dinners and they are welcome to participate in the course as far as there are free places.

Students following SAFE-IT, please contact the course director for more information about participation.

Location at KTH

Vägbeskrivning, kollektiva färdmedel

T-bana till Tekniska högskolan, uppgång Valhallavägen/Drottning Kristinas väg, eller Roslagsbanan till Östra station. Från T-bana/Roslagsbanan, går du först uppför Drottning Kristinas väg, varpå du slår in på Osquars backe, passerar biblioteket, och därefter tar höger uppför en trappa. Du befinner dig snart på Sing Sing-gården, och ingången till Indek finner du på vänster sida.

Istället för att gå Osquars backe är det möjligt att ta sikte på borggården, passera rakt över densamma, och på så sätt nå Sing Sing-gården. Ingången till Indek ser du till vänster, Lindstedtsvägen 30.

Location at Chalmers



1. Busshållplatsen Lindholmen

2. Färjan Älvsnabbens hållplats Lindholmospiren

Se sidan

www.chalmers.se/sections/om_chalmers/hitta_till_chalmers

för information om hur man hittar till Chalmers Campus Lindholmen m.m.

För kollektivtrafik (Västtrafik) se www.vasttrafik.se