



**NTNU VIDERE** - Continuing Education and Professional Development

# Project Management

Continuing Education Course Trondheim spring 2013

**Sessions 9 - 10 April and 27 - 28 May 2013**

This course will provide you with project management skills to help you to plan and execute your projects successfully. It's applicable to any field of work, especially those with a high technological content. The topics covered include project initiation, project organizing, project scope planning, project risks, estimating, scheduling, resource planning, project execution, project control, earned value method.



**NTNU – Trondheim**  
Norwegian University of  
Science and Technology



## Contents

- Project initiation seen in relation to the organizational context: strategy, goal and objectives.
- Models for project organizing, pitfalls and conditions for success, the role of the project manager.
- Tools and techniques for planning, including identification of project scope, work breakdown structure, resource planning, estimates, budgeting, and scheduling.
- Introduction to the principles of project risk management
- Introduction to the principles of project evaluation and earned value method.

### **After completing the course, you will have:**

#### *Knowledge*

Developed insight into the project management methodology. Understanding the pitfalls, prerequisites and success factors for managing projects. Understanding of methods, tools and processes for project planning and control.

#### *Skills*

Have the ability to apply methods, processes and tools for managing projects. Ability to analyze and assess project status based on progress information.

#### *General competencies*

Cooperate and contribute to interdisciplinary collaboration. Could relate the conditions for success in the project for their own work.

## Teaching methods and activities

- The course will be taught in English.
- There will be two compulsory sessions in Trondheim of two days each.
- First session: April 9 - 10, 2013
- Second session: May 27 - 28, 2013  
Both sessions start at 1015 and end at 1500. There will be a dinner for all participants in the evening April 9.
- Instructional methods used are lectures, presentations, discussions and group work.
- Emphasis is placed on discussion and exchange of experience between participants. Between the two sessions will there be self-study combined with hand in exercises via internet.
- Expected workload of this self-study is around 30 hours.



**Compulsory activities**

Attendance at both sessions. Approved exercises between sessions.

**Admission requirements**

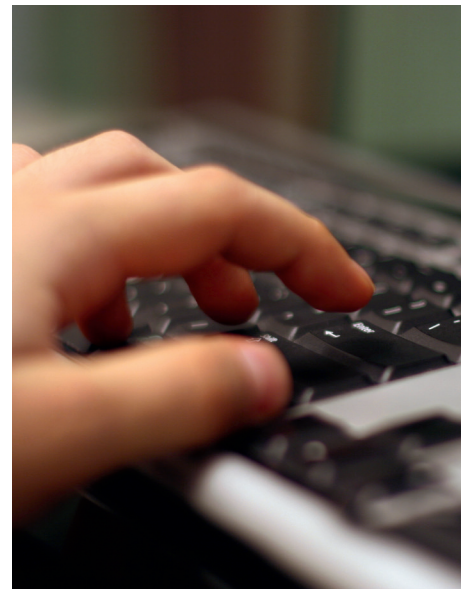
Applicants must meet the minimum requirements for Higher Education Entrance Qualification in Norway (generell studiekompetanse) or equivalent qualifications.

**Recommended requirements**

University or college degree with at least two years work experience.

**Examination**

Written home exam. Duration is 48 hours (5 June at 1000h till 7 June at 1000h), but the expected work load is around 8 hours.







**Bassam A. Hussein** is associate professor at the Department of Production and Quality Engineering, NTNU. He has practical project experience as well as extensive experience as instructor in project management courses. His research interests are centered on topics related to training and learning in project management, including: use of e-learning, application of gaming simulations, and assessment of learning. His research interests also include topics related to the identification of challenges of mainstream project management practices. He teaches project and requirements management and has been involved in the design, development, and implementation of a wide range of education programs in project management.

**With 20,000 students** studying a range of disciplines in seven different faculties, NTNU (The Norwegian University of Science and Technology) is Norway's second largest university. Its 53 departments are spread out over seven major campuses, and graduate about 3,300 students every year, two-thirds of which are master's or PhD candidates.

**NTNU offers both** open and in-house Continuing Education and Professional Development courses and programmes. These courses and programmes meet the demands of both professionals in need of new and updated competencies in a vast array of subjects as well as their companies' need to be in the forefront of innovation and technological breakthroughs.

Existing courses and programmes from NTNU can be tailored to meet the company's needs or we can develop new courses and programmes for your specific need.

#### Further information and application form

<http://videre.ntnu.no/link/nv13159>

**Application deadline:** 8 March 2013.

**Course fee:** NOK 15500

#### NTNU VIDERE

Marit Kvidal, phone 73 59 52 60

Email: [marit.kvidal@ntnu.no](mailto:marit.kvidal@ntnu.no)



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