

Course: Project Management of Complex Systems

A course where the course material is based on Norwegian (Kongsberg) best practice and experience and where the examples are concrete cases from the Kongsberg industry.

Course responsible:



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Buskerud University College



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Buskerud University College/
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In addition, there will be presentations from managers from the local Systems Engineering Companies.

Content

A project is a temporary endeavor undertaken to create a unique product or service. Project management is the application of knowledge, skills, tools, and techniques accomplished through five linked processes for initiating, planning, executing, controlling, and closing work to meet a set of defined requirements. This course exposes attitudes, tools and techniques useful for the effective management of Complex Projects.

Target Group

Members of the project leader group, technical managers, lead engineers, line organization managers, and representatives of project support functions working close to the project: Contracts, Logistics, Purchasing, Quality, Finance etc.

Headlines of "Learning outcome" - After completion of the course the students will:

- Understand the differences between processes and projects.
- Be familiar with the different types of projects.
- Gain understanding on project complexity and its attributes.
- Understand the differences between project management and leadership.
- Understand the importance of the stakeholders and of understanding their requirements.
- Understand the concept and usage of knowledge maps in project management.
- Understand the concept and importance of the project plan, and be able to define it.
- Know how to construct and use Gantt charts, PERT/CPM diagrams and critical chains, understanding their pros and cons.
- Be able to perform progress monitoring and control, and project reporting.
- Understanding the role of Subcontractors and Suppliers
- Perform risk analyses.
- Perform earned value analyses.
- Be able to define the project budget and perform resource levelling.
- Know how to terminate a project, record customer acceptance, extract lessons learned and identify opportunities for continued business.
- Understand business ethics with the context of project management.

Date and Location

12. – 16. April 2010 at Buskerud University College, Kongsberg

Price

Course: 20.000 NOK for non-credit Course: 25.000 NOK for Master credit course including Homework assignment. All course material, and meals during the 5 day course is provided.

More information, questions or registrations?

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Or visit www.hibu.no/mse