



APPLIES TO ACADEMIC YEAR 2004/2005

BIK 6510 Project Management 3

Program

Single courses

Responsible for the course

Erling S Andersen

Department

Leadership and Organizational Management

Term

According to study plan

ECTS Credits

15

Bachelor Program in Project Management consists of three courses, where each course builds on the previous one. It is taken as a prerequisite that the students follow the progression through the program (Project Management 1 before Project Management 2, and Project Management 1 and 2 before Project Management 3). After completion of all three courses the program will be accepted as a 30 credits Bachelor Program or as an optional specialization as part of the Bachelor Program.

In addition to the regional colleges, Center of Distance Education will offer this program with its own specific teaching.

The courses of the program:

- BIK 6500 Project Management 1 (PL 1): 6 credits
- BIK 6501 Project Management 2 (PL 2): 9 credits
- BIK 6510 Project Management 3 (PL 3): 15 credits

Objective

The course builds on BIK 6500 Project Management 1 and BIK 6501 Project Management 2. The compulsory literature from those courses is still of relevance. In this course BIK 6510 Project Management 3 emphasis will be placed on creating an understanding of the role of projects in developing the company or government. The students are given insight into how to manage a project and a portfolio of projects.

Heavy emphasis will be on economic analysis of projects. Uncertainties in connection with an individual project and the whole portfolio will be discussed.

Prerequisites

There are no specific prerequisites needed to be accepted to the program. It is considered a prerequisite that the students follow the progression through the program.

Compulsory literature

- Andersen, Erling S. and Eva Schwenke. 2001. *Prosjektarbeid: en veiledning for studenter*. 3.utg. Bekkestua: NKI-forlaget.
- Bøhren, Øyvind and Per Ivar Gjærum. 1999. *Prosjektanalyse*. 2.utg. Oslo: Skarvet forlag.
- Husby, Otto, et al. 1999. *Usikkerhet som gevinst: styring av usikkerhet i prosjekter: mulighet, risiko, beslutning, handling*. Trondheim: Norsk senter for prosjektledelse.
- Mikkelsen, Hans og Jens O. Riis. 2003. *Grundbog i prosjektledelse*. 7.udg. Ringsted: Promet (emphasis on chapters 6-7, appendix A6).

In addition the literature from BIK 6500 Project Management 1 (PL 1) and BIK 6501 Project management 2 (PL 2) is compulsory.

PL 1:

- Andersen, Erling S., Kristoffer Grude og Tor Haug. 1998. *Måltrettet prosjektstyring*. 5.utg. Bekkestua: NKI-forlaget.
- Jessen, Svein Arne. 2002. *Prosjektadministrative metoder*. 5 utg. Oslo: Gyldendal Norsk

Forlag.

PL 2:

- Briner, Wendy, Colin Hastings and Michael Geddes. 2000. *Prosjektledelse* . Oslo: Gyldendal akademisk.
- Mikkelsen, Hans og Jens O. Riis. 2003. *Grundbog i prosjektledelse* . 7.udg. Ringsted: Promet (emphasis on chapters 1-5, appendix A1-A5).

Recommended literature

Course outline

- Management of projects
- Project control and value creation
- Uncertainties in project
- Use of IT tools in project work
- Project proposals, selection of project short list, cash flow, profitability, cost of capital, risk analysis
- Work on thesis

Computer-based tools

Some of the courses demonstration of computer-tools might take place.

Course structure

The course consists of 70 hours of instruction over two semesters or ten full days of instruction. The first semester course is called BIK 6511 and the second BIK 6512. The teaching will consist of lectures, group discussions and thesis supervision. The course will also be given by Center for Distance Education as a combination of seminars and use of Internet.

Evaluation

The students must hand in a thesis at the end of the course. The thesis should analyze a topic or problem related to a project or portfolio of projects. Supervision will be given. The paper should not exceed 20 pages of text (figures and tables not included).

Evaluation code(s)

BIK 65101 Thesis. The thesis counts for 100% of the grade of BIK 6510, 15 credits.

Aids at the examination

Makeup exam

At the next ordinary execution of the course.