



Course syllabus

Projektlledning Project Management

VBEF01, 7,5 credits, G2 (First Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED V

Date of Decision: 2023-03-21

General Information

Main field: Technology.

Elective Compulsory for: V3

Elective for: IBYI3, IBYV3

Language of instruction: The course will be given in Swedish

Aim

The course aims to give the students basic knowledge in project management and project organisation. On a project level the course shall give an understanding of the management of projects, formulation of project objectives, planning, executing, monitoring and control, and evaluation. Thereby, allowing increase knowledge in management and organization of project work and group process, leadership and ethic.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- learn the basic concepts of project management
- have a basic understanding of project management in different company and organisational contexts
- have knowledge about the role as project manager
- understand how projects are initiated, planned, executed, monitored/controlled and closed
- Understand project processes and the difficulties that may arise in project teams.

Competences and skills

For a passing grade the student must

- have developed basic skills in project management
- be able to handle tools and techniques for planning of projects through Project Management Plan, Integration of Scope definition, time, cost, human resource, quality, communication, risk and procurement
- have the knowledge how team work can influence the project success and climate

Judgement and approach

For a passing grade the student must

- have developed an awareness and personal relation to projects, as a form of working
- have developed skills to evaluate project management plans.
- have the ability to apply the project management knowledge and team work into practical case

Contents

The course will mainly be teacher lead lectures, exercises, and seminars. This part ends with a concept exam. In the course, an application project will be initiated. The project work is carried in smaller groups. The project work and the course ended with an oral project presentation, written assignment and examination.

In the application project, the students need to show that they can apply the project management theories on a concrete project. The focus in this part is to look on the whole rather than the parts of the project. An important part is for the students to show and motivate their suggestions in form of a project management plan.

The students must also submit project diaries.

Examination details

Grading scale: TH - (U,3,4,5) - (Fail, Three, Four, Five)

Assessment: Passing mark will be based on graded exams, project assignments, seminars participation and supplementary document. Final grades will be granted only when all assignments, seminars and project work meets the passing grades. The final grade will be based on 50% of project assignment and 50% of written examination. The course includes a joint workshop which is planned and implemented together with the program boards for A, L and V. Students in courses VBEA05, VFTF10 and VBEF01 will analyze a project and for approved course active participation in the workshop is required.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Admission

The number of participants is limited to: No

The course overlaps following course/s: VBE110

Reading list

- Bo Tonnquist: Projekttledning upplaga 7. Sanoma Utbildning, 2021, ISBN: 9789152354988.

- Hansson B, Olander S, Landin A, Aulin R & Persson U: Byggledning , Projektering. Studentlitteratur AB, Lund, 2015, ISBN: 978-91-44-10572-7.

Contact and other information

Course coordinator: Radhlinah Aulin, radhlinah.aulin@construction.lth.se

Course administrator: Kolbrun Arnadottir, kolbrun.arnadottir@construction.lth.se

Course homepage: <https://kurser.lth.se/kursplaner>

Further information: Compulsory parts of the course may occur. Some parts of the course may be taught in English.