

SYLLABUS

Principles of project- and industrial business management 7.5 credits R0005N

Grundkurs i projekt- och industriell ekonomi

Course syllabus admitted: Autumn 2018 Sp 1 - Autumn 2019 Sp 2

**DECISION DATE
2018-06-15**

Principles of project- and industrial business management 7.5 credits R005N

Grundkurs i projekt- och industriell ekonomi

First cycle, R005N

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	G U 3 4 5	Industriell ekonomi	Industrial Engineering and Management

Main field of study

Industrial and Management Engineering

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language

Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

Examiner

Hans Lundberg

Course Aim

Upon completion of the course, the student should be able to participate actively in industrial business projects from the point of view of a profit-seeking firm.

Contents

This course revolves around three elements which are related to each other: - To lead a project and manage a company – what is the key of success? Importance of goals, resources and time and also how we can plan and relate these to each other from a business perspective. - From the company to a small-scale project, the importance for an engineer of being able to draw up a budget and carry out financial calculations. In this element, budgeting is dealt with in terms of cash flow forecasts, contribution margin calculations, capital investment appraisals and product costing. - From the making of an inquiry to purchasing, and from the financial calculation to the offer – To buy or not to buy/to sell or not to sell... these are the questions. The efficient business firm and the successful project, the importance of making smart purchasing decisions and selling with a profit. When working with project plans, modern IT-tools are introduced to illustrate action and consequence.

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

In a project assignment, extended throughout the course, the students are confronted with problems and questions which they solve in teams. Parallel to the assignment, a number of lectures are offered where tools and models to solve the problems of the simulation assignment are presented and discussed.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. Grading is based on a compulsory assignment report and a written exam.

Remarks

Students must register for the courses themselves, or contact ETKS educational administration eduetks@ltu.se, not later than three days after the quarter commences. Failure to do so can result in the place being lost. This rule also applies to students with a guaranteed place.
Due to similar content, the course can not be included in a degree together with the course R0009N or other courses with similar content.

Overlap

The course R0005N is equal to R0009N, G0010N, IEF150

Literature. Valid from Autumn 2016 Sp 1

Den nya ekonomistyrningen bok med e-labb. Liber förlag. Christian Ax, Christer Johansson, Håkan Kullvén Upplaga 5. ISBN 9789147110957. Den nya ekonomistyrningen Övningsbok med lösningar. Liber förlag. Christian Ax, Christer Johansson, Håkan Kullvén Upplaga 5. ISBN 9789147110964.
Literature might be added.

Course offered by

Department of Business Administration, Technology and Social Sciences

Items/credits

Number	Type	Credits	Grade
0001	Written exam	6	TG G U 3 4 5
0002	Assignment	1.5	TG U G#

Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

Last revised

by Director of Undergraduate Studies Daniel Örtqvist, Department of Business Administration, Technology and Social Sciences 2018-06-15

Syllabus established

by Department of Business Administration and Social Sciences 2007-02-28