Industrial Economics

Programme course

10 credits

Industriell ekonomi

TEIE17

Valid from: 2017 Spring semester

Determined by
Board of Studies for Industrial Engineering and Logistics

Date determined
2017-01-25

Main field of study
Industrial Engineering and Management

Course level
First cycle

Advancement level
G1X

Course offered for
- Industrial Engineering and Management - International, M Sc in Engineering
- Industrial Engineering and Management, M Sc in Engineering

Entry requirements
Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Prerequisites
Foundation course in Mathematics.

Intended learning outcomes
The course aims to give students basic knowledge and skills to continue with advanced studies in industrial economics and management. The objective of the course is therefore to familiarise the student with business management, and provide skills in calculation, accounting, company analysis, and business communication. The course also contains introduction to IT support, scientific writing, and presentation techniques. More specifically, after the course the student shall be able to:

- Interpret, evaluate, and present a company's busines
- Apply methods for cost accounting and capital investment budgets
- Conduct basic book-keeping and accounting for a smaller firm
- Find, critically analyse, understand, and communicate technical and economical information for the industrial firm.
- Plan, conduct, and communicate the result of work in a project team.
- Choose form and method for oral and written communication in Swedish and English.

Course content

The course gives a general understanding of economics and management, covers internal economical work, book-keeping and accounting and the area of external economic information and gives deeper understanding of financial information. All parts contain laboratory work and other practical work.

Teaching and working methods

The course is organized with a series of lectures, classes, seminars and computer-based laboratory work. Lectures aim at providing a basic knowledge and understanding of the subject industrial economics and management. Guest lecturers from industry participate. Classes give students practical training in understanding and problem-solving. At the computer-based laboratory work the acquired skills are applied to more complex problems. During the course an integrated project work at a real company is conducted. The result of the project is presented and discussed in case seminars.
The course runs over the entire autumn semester.

Examination

LAB2	Laboratory work	2 credits	U, G
PRA3	Project assignment	2 credits	U, G
TEN2	Written examination	6 credits	U, 3, 4, 5

Grades

Four-grade scale, LiU, U, 3, 4, 5

Other information

Supplementary courses:
Production economics, Economic analysis and theory, Economic control, Corporate planning

Department

Institutionen för ekonomisk och industriell utveckling

Director of Studies or equivalent

Johan Holtström

Examiner

Johan Holtström

Course website and other links

http://www.iei.liu.se/indek/utbildning/industriell-ekonomi/teie17?l=sv

Education components

Preliminary scheduled hours: 96 h
Recommended self-study hours: 171 h

Course literature

Additional literature

Books

Holmström, N, *Företagsekonomi – från begrepp till beslut* senaste utgåvan

Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at http://styrdokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.