



Course syllabus

Faculty of Technology

Department of Mechanical Engineering

1MT026 Industriell ekonomi, 7,5 högskolepoäng

1MT026 Engineering Economics, 7.5 credits

Main field of study

Industrial Organisation and Economics

Subject Group

Industrial Engineering and Management

Level of classification

First Level

Progression

G1N

Date of Ratification

Approved 2011-06-13

Revised 2018-01-31 by Faculty of Technology. Revision of literature and credit overlap.

The course syllabus is valid from autumn semester 2018

Prerequisites

General entry requirements for university studies.

Objectives

After completing the course, the student is expected to have a general understanding of issues related to business and economics in the manufacturing industry. Further, basic knowledge of methods and techniques is expected to be acquired to perform economic analysis and assessments in that industry.

Content

The following themes will be briefly covered:

- Introduction to economics
- Industrial business economics
- Product calculation/ costing models
- Cost-volyme-profit-analysis
- Investments
- Financial analysis
- Annual account, Accounting & Bookkeeping

Type of Instruction

Lectures and exercises by distance.

Examination

The course is assessed with the grades Fail (U) or Pass (G).

Written examination. The exam can be written close to students' hometowns.

Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: 1ZT003

Other

Some parts in the course may entail costs for the course participant, such as the trip to the study center at physical meetings.

Required Reading and Additional Study Material

Literature

Lantz Björn, Isaksson Anders, Löfsten Hans, Industriell EKonomi - Grundläggande ekonomisk analys, Studentlitteratur, Latest edition, 376 pages.

Reference literature

Möller, J. (red) Övningar i industriell ekonomi, Liber, latest version.

Skärvad, P-H och J.Olsson, Företagsekonomi 100, Lösningar, Liber, latest version.

Aniander, M. med flera. Industriell Ekonomi. Lund: Studentlitteratur, latest version.