



## Course syllabus

Faculty of Technology

Department of Mechanical Engineering

1ZT003 Industriell ekonomi, 7,5 högskolepoäng

1ZT003 Engineering Economics, 7.5 credits

**Main field of study**

Mechanical Engineering

**Subject Group**

Mechanical Engineering

**Level of classification**

First Level

**Progression**

G1N

**Date of Ratification**

Approved 2009-12-15

Revised 2018-01-31 by Faculty of Technology. Revision of literature, credit overlap and removal of ECTS-grading.

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:

some general understanding of economic decision-making in an enterprise and acquired basic knowledge of methods and techniques to perform economic analysis and assessments.

## Content

The following themes will be briefly covered:

- Introduction to economics
- Calculation, short term
- Calculation, long term
- Working capital
- Capital requirements
- Budgeting
- Cost/Benefit analysis

- Annual account, Accounting & Bookkeeping

## Type of Instruction

The teaching consists of lectures and exercises.

## Examination

The course is assessed with the grades U, 3, 4 or 5.

The assessment of student performances usually takes place during special examination periods and examine by written exam.

## 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: 1MT026

## Required Reading and Additional Study Material

### Required reading

Lantz, Björn, Isaksson, Anders, Löfsten, Hans, Industriell ekonomi - Grundläggande ekonomisk analys, latest edition, 376 pages.

### Reference literature

Möller, J. (red) Övningar i industriell ekonomi, Liber, senaste upplagan.

Skärvad, P-H och J.Olsson Företagsekonomi 100, Lösningar, Liber, senaste upplagan.

Aniander, M. med flera. Industriell Ekonomi. Lund: Studentlitteratur, senaste upplagan.

Skärvad, Olsson Företagsekonomi 100, Faktabok, Liber, senaste upplagan.

Skärvad, Olsson, Företagsekonomi 100, Övningsbok, Liber, senaste upplagan.