



ME1000 Industrial Management 6.0 credits

Industrial Management

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for ME1000 valid from Autumn 2011

Grading scale

A, B, C, D, E, FX, F

Education cycle

First cycle

Main field of study

Industrial Management, Technology

Specific prerequisites

Basic eligibility for university studies, including English A, or similar.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

After the course, you should:

1. Be able to explain how a business as well as leadership, organizing, strategic planning, and management control functions in an industrial organisation.
2. Be able to interpret an annual report from an industrial organisation, as well as be able to calculate and design the different parts of it at a basic level.
3. Be able to explain the structure of the industrial company's streams of payments.
4. Be able to construct, interpret and use cost calculations as part of the decision support for the industrial company's different situations.
5. Be able to connect industrial management to your future area of work.
6. With the departure in your view on industrial management, be able to explain how the different parts of the area fit together related to the objectives of the industrial organization.

Course contents

Industrial dynamics and the interplay with competitors and stakeholders (customers, suppliers, employees, the society at large and so on), the distinctive character of industrial operations, organization & human resource management, innovation & entrepreneurship, leadership, strategic planning, marketing, cost-volume-profit analysis, accounting & bookkeeping, finance (supply & use of capital), cash-flow analysis, investment appraisal, management control, and costing. Sustainability, gender, communication and teamwork are covered in relation to the subject.

Disposition

The course is grounded in lectures, sometimes combined with exercises. The course exam consists of a homework assignment that in a first step is peer-reviewed in an obligatory seminar and after a rework graded by the teacher.

Course literature

“Accounting and finance for non-specialists” by Peter Atrill & Eddie McLaney, Prentice Hall.

Examination

- TENA - Exam, 6.0 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Other requirements for final grade

Homework assignment, followed by an individual discussion. Also, a seminar report and active participation in the seminar are needed as requirements.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.