



# ME1003 Industrial Management, Basic Course 6.0 credits

Industriell ekonomi, grundkurs

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 ME1003 valid from Autumn 2019

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Industrial Management, Technology

## Language of instruction

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

## Intended learning outcomes

Engineering work involves more than just technology. In order to be able to take part in technology-based transactions, implement projects, develop businesses and lead teams and employees in today's companies, good knowledge of industrial management is necessary. In practice, success lies in understanding both technical and financial aspects of decisions. This course will give you a basic knowledge of industrial management. More specifically, this means that, after completing the course, you will be able to:

1. explain and describe different technology-based business models and the dynamic of value creation, value propositions and value capture in industrial enterprises.
2. explain and describe how industrial activities are managed and organized.
3. select, interpret and apply economic calculations as documentation for making decisions in different business situations.
4. understand the basic principles of financial accounting and reporting.
5. compile and analyze financial reports at a basic level.
6. Understand and explain an industrial enterprise from various perspectives based on terms in the subject of industrial management.

## Course contents

The course covers the following main areas within industrial management:

Industrial Value Creation, Cost-Volume-Profit (CVP) Analysis, Product Costing, Investment Appraisal, Bookkeeping, Accounting, Financial Analysis, Cash Flow Analysis and Corporate Financing.

The course consists of three modules: (1) Industrial management and value creation, (2) Product costing and investment appraisal, and (3) Financial accounting and corporate finance.

## Specific prerequisites

General entry requirements for higher education.

## Examination

- KON1 - Partial Exam, - credits, grading scale: P, F
- KON2 - Partial Exam, - credits, grading scale: P, F
- KON3 - Partial Exam, - credits, grading scale: P, F
- TENA - Examination, 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

Examination

## 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.