



ME2064 Finance and Control in Industrial Organizations 6.0 credits

Finansiell styrning i industriföretag

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

Establishment

On 2025-04-03, the Director of First and Second Cycle Education at the ITM School has decided to establish this official course syllabus to apply from autumn semester 2025 (registration number HS-2025-0794).

Grading scale

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

Education cycle

Second cycle

Main field of study

Industrial Management

Specific prerequisites

ME1003 Industrial Management, Basic Course completed

Language of instruction

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

Intended learning outcomes

After passing the course, the student should be able to:

1. Analyse, design and implement a company's funding strategy, be able to choose a sustainable capital structure and explain how it influences a company's value and be able to show the underlying calculations
2. Calculate and evaluate the financial consequences of different investments and evaluate common financial instruments and on the basis of each situation choose the most suited one, by means of the methods for this, presented in the course, and be able to show the steps in the calculations, including necessary equations and graphical illustrations,
3. Explain how the financial market functions, its actors, how the trade is carried out, as well as how the financial market influences the companies' preconditions
4. Design, analyse, and in writing and orally present financial key indicators for the company's value, balance sheet and profit and loss account, for decisions about investment, funding, evaluation and level of risk
5. Design a focused system of key indicators for control of a company's value adding activities, including a sustainability perspective and meeting high ethical standards. A system to be used by the owners, the management and the employees.
6. Explain and analyse the role of the financial control in a company and how important key indicators can be used to influence behaviour in an industrial organisation.

Course contents

For industrial corporate groups as well as for other companies and organisations, there are basic requirements of strong funding of the activities, efficient allocation of financial resources, as well as follow-up financially of the operating activities. Successful companies use advanced financial control, both internally and externally, which give them strong competitive advantages.

The general aim of the course is to give basic knowledge in financial calculation methods as well as extensive knowledge of central theories, models and analytical tools in the subject of corporate financing and financial control. In the course, the ability to use this knowledge in practical work leading to investment decisions, based on an elaborated financial analysis, is emphasised. The course also gives necessary basic knowledge for possible additional studies in the financial area.

Through the course, the student is introduced to several important tools they may use in future work e.g: Propose a project or a new product; Priority and planning initiatives; Acquisition or sale of operations; Decision between different investment alternatives; as well as financial follow-up and control during implementation of project.

Examination

- TEN2 - Exam, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- INL2 - Assignment, 1.5 credits, grading scale: P, 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.

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

Other requirements for final grade

Approved participation in seminars and passed computer exercise.

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.