



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.

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

Establishment

On 11/04/2019, the Dean of the ITM school has decided to establish this official course syllabus to apply from autumn term 2019 (registration number M-2019-0767).

Grading scale

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

Education cycle

Second cycle

Main field of study

Industrial Management

Language of instruction

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

Intended learning outcomes

On completion of the course, the student should be able to:

1. Analyse and describe how a company's financing strategy can be implemented and be able to choose a sustainable capital structure as well as explain how the chosen capital structure can influence a company's value
2. Evaluate the financial consequences of different investments and evaluate common financial instruments and based on each situation choose the most suited by means of the methods for this presented the in the course
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' conditions
4. Design, analyse, and in writing and orally present financial measures for the company's value, balance sheet and profit and loss account, for decision around 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: Suggest a project or a new product; Priority and planing initiatives; Acquisition or sale of operations; Decision between different investment alternatives; as well as financial follow up and control during implementation of project.

Specific prerequisites

ME1003 Industrial Management, basic course

Examination

- INL1 - Assignment, 1.5 credits, grading scale: A, B, C, D, E, FX, F
- TEN2 - Exam, 4.5 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.

A written examination with a weight of 75% of the final mark and a take-home examination that is presented at a seminar with a weight of 25 the % of the final mark are included in the module TEN1.

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.