ML1330 Financial Control in an Industrial Concept 7.5 credits

Industriell hållbar ekonomistyrning

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

Establishment

The official course syllabus is valid from the autumn semester 2026 as decided by the Faculty Board: dnr HS-2026-1304. Decision date: 2026-06-15.

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Intended learning outcomes

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

- formulate, choose and solve various advanced business calculations, such as short-term optimization, distribution of indirect costs, investment assessment, deviation analysis and result analysis

- account for life-cycle assessment (LCA) as a method, and make arguments for its suitability
- account for how sustainability aspects in industrial production relate to the activities of industrial companies, as well as their way of reporting

Course contents

- Short-term optimization through contribution calculation and linear programming
- Distribution of indirect costs with cost price calculation and activity-based costing
- Investment calculations
- Deviation handling with standard costing and Earned Value
- Life-cycle assessment
- Legal framework of external accounting
- Legislation on sustainability reporting, GRI performance indicators and stakeholder engagement

Examination

- TENA - Written examination, 5.0 credits, grading scale: A, B, C, D, E, FX, F
- LABA - Laboratory work, 1.0 credits, grading scale: P, F
- SEM1 - Seminars, 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.

Examiner determines, in consultation with KTH's coordinator for disabilities, about possible adapted examination for students with documented, permanent disabilities. Examiner leaves admit other examination format at re-examination of occasional students.

Transitional regulations

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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.