



ME1040 Industrial Management for Biotechnology 4.0 credits

Industriell ekonomi för bioteknik

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

Establishment

On 2019-10-15, the Dean of the ITM school has decided to establish this official course syllabus to apply from autumn term 2020 (registration number M-2019-2181).

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

General entry requirements.

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. select, interpret and use economic calculations as a basis for decision-making in different business situations.
2. understand the basic principles of book-keeping and accounting
3. compile and analyse financial reports at a basic level

Course contents

The course focuses on basic concepts and models to understand and handle economic, organisational and management issues in technology-based and industrial activities, as an engineer.

Module Calculation

- C/I analysis.
- Product calculation
- Capital budgeting

Reporting and the company's funding

- Book-keeping and accounting
- Annual report and financial analysis
- The company's funding

The course consists of lectures and calculation exercises and is examined through a written examination. During the course, a number of optional assignments are given that can give bonus points on the first regular examination:

- Three optional quizzes (one per module)
- An optional business simulation
- An optional project task (in pairs)

Examination

- TENA - Written exam, 4.0 credits, grading scale: A, B, C, D, E, FX, F
- KON2 - Written test, 0.0 credits, grading scale: P, F
- KON3 - Written test, 0.0 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.

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.

Additional regulations

None