



ME1308 Operations Strategy for I 6.0 credits

Industriell verksamhetsledning för I

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-2019-0788).

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

ME1314 Introduction to Industrial Engineering and Management completed

Language of instruction

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

Intended learning outcomes

The aim is the course participants on completion of the course should be well prepared to participate in analysis and implementation of industrial operations strategies to achieve long-term competitiveness in the respective field of technology.

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

1. Describe why and how operations strategies can create long-term competitiveness in modern industrial organisations.
2. Describe structure and importance of relevant theories and concepts as well as explain the basic concepts of the field of knowledge.
3. Account for how different operational strategies and underlying concepts can be applied in collaboration with other functional strategies for implementing of given company strategy.
4. Describe which possibilities and impediments that can be in industrial strategy work as well as state advantages and disadvantages with different strategies.
5. Carry out a general analysis of existing operations strategies with the aim to be able to point out improvement areas in strategic, technical, economic and work organisational respect.

Course contents

The course focuses on how companies can achieve competitive and long-term advantages. Theories of operations strategies are discussed with respect to analysis and later design and control of the company's product range and processing operations. The course further offers conceptual and practical insights in production and operations strategies and what is required to implement these in both the service and the manufacturing sector in a range of different industries.

Examination

- SEM3 - Seminars, 1.0 credits, grading scale: P, F
- TENA - Examination, 5.0 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.

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.