



FMG3303 Business driven Production Development 6.0 credits

Affärsdriven produktutveckling

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

Establishment

On 2019-12-12, the Dean of the ITM school has decided to establish this official course syllabus to apply from autumn term 2019 (registration number M-2019-2770).

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Admitted to third-cycle education in Production engineering.

Language of instruction

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

Intended learning outcomes

This is a typical literature analysis based course and its focus will be on contributions that connect business with the technical dimension in manufacturing related disciplines.

The first part of the course (2-3 seminars) will be devoted to provide basic knowledge in the discipline. In detail, the contributions that are analysed in this part intend to give a good understanding of the relation between business models and production technology.

The other part of the course will lay the foundation for and advance such knowledge through well chosen reading. In addition to this there will be an activity for co-creation of study material as a basis for preparing the course for future questions.

Course contents

After the course, the students should be able to:

- Use the correct terminology and jargon to discuss business related questions in the production domain.
- Describe and discuss the most important trends in leading contemporary literature in the area of business driven production development
- Identify and analyse new important contributions in the larger field that connects the business process and the modelling dimension with the traditional discipline of manufacturing research
- Reflect on the effects of new literature on own research

Examination

- INL1 - Hand in assignment, 6.0 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.