



ME2620 Technology-based Entrepreneurship 7.5 credits

Teknikbaserat entreprenörskap

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

Establishment

The official course syllabus is valid from the autumn semester 2023 in accordance with the decision from the Dean of the school: M-2023-0693. Date of decision 2023-03-30

Grading scale

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

Education cycle

Second cycle

Main field of study

Industrial Management

Specific prerequisites

Fulfilled the requirements for Degree of Bachelor of Science.

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. Describe and analyse the challenges in connection with technology-based entrepreneurship.
2. Analyse how concepts, models, theories and practical experiences from the subject area entrepreneurship can be used to start technology-based companies.
3. Examine and explain the relationship between management and control of existing industrial activities and technology-based entrepreneurship.
4. Explain how macro- and microeconomic changes influence technology-based entrepreneurship.
5. Explain how ethical aspects, e.g. connected to intellectual property and immaterial rights, influence technology-based entrepreneurship.
6. Explain and provide arguments for how equal opportunities and diversity influence technology-based entrepreneurship and how technology-based entrepreneurship influence equal opportunities and diversity.

Course contents

The course is aiming to give a broad introduction and overview of the field of technology-based entrepreneurship. The course is adapted for engineering students, since it supplements the technical education with conceptual models, tools and knowledge of the preconditions to establish new technology-based companies. Students who complete the course will understand the importance of technology-based entrepreneurship for the society. The course offers a mixture of types of instruction for example lectures, seminars, case discussions, workshops and guest lectures.

Examination

- PRO1 - Project, group, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- INL2 - Assignment, individual, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- SEM1 - Seminar, individual, 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.

Other requirements for final grade

PRO1 have requirements of compulsory attendance.

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.