



LUNDS UNIVERSITET
Lunds Tekniska Högskola

Course syllabus

Industriell management **Industrial Management**

MION30, 7,5 credits, A (Second Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED I

Date of Decision: 2023-04-14

General Information

Elective for: E5, I5-ai, M4

Language of instruction: The course will be given in Swedish

Aim

The aim of the course is to create a profound, synthesized and reflective knowledge and competence about the generic subject industrial management both in Sweden and globally. This concerns the enterprising in both larger and smaller (i.e. SME:s) firms as well as public organizations. Within this aim of the course are included subjects as technological innovation, empowerment, strategic entrepreneurship, corporate entrepreneurship and leadership.

The course builds upon previous courses within the LTH educational program and then, in particular, the final specialisation of Business and Innovation with the purpose of an enhanced development and integration of these included courses.

The working formats in the course means an emphasis on self governed work, work in both large and smaller teams often in relation to the surrounding society. The above mentioned elements are permuted by the fact that the participant is given an opportunity to, in an innovative manner, shape their individual and collective knowledge and competence within the above areas. Important is that the participants develops a constructively critically mindset regarding their personal development and also to company development.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- individually, and in team, develops a professional synthesized knowledge and competence concerning industrial management and its application. The course builds upon and enhances earlier courses in business administration as well as in technology. A special emphasis is put on the participants self government both in practice as in conceptual work. Emphasis is on the integration of different theoretical perspectives, models and in the understanding of concepts. This integration leads to enabling a reflective understanding of industrial and organizational situations.

Competences and skills

For a passing grade the student must

- be able to identify and reflectively define the challenges of a business situation from both theoretical and practical points of reasoning. This often includes considering different perspectives from stakeholders.
- be able to chose and apply a relevant research method of an investigation, together with a theoretical framework, in order to find the best starting point for theoretical and empirical investigations.
- be able to independently conduct a clinical investigation, e.g. interviews, focus groups with a critical posture.
- be able to actively interpret and synthesise a collected data material for the benefit of a good decision base, implementation and valuation The working format of the course implies both individual and teamwork concerning the above. Other pedagogical formats that are used are business cases, literature studies, guest lectures and field studies in both national and global environments. The above mentioned formats, permutes that the individual participant is given an opportunity to form an individual and collective knowledge and competence, of how they critically and reflectively shall also evaluate an achieved final result.

Contents

The course is built upon and deepens achieved knowledge from both courses in business administration and technology with the focus on industrial leadership, entrepreneurship and innovation. Two dimensions permute the course as a whole; a) the business and organisation structure, and b) the current business and the future capacity for continuing innovation.

The capacity to handle these two fields of “suspension” is necessary in order to survive and grow in the complex and turbulent business milieus nationally and internationally. The course has an explicit management perspective which includes both valuations on the operative and strategic levels and their implications. Important is to view innovation as coming from both external and internal situations, resources and competences. Areas of innovations could be the following; e.g. Innovation capability, leading change, organisation design, communication formats as support for decision- and improvement processes, HR, empowerment and the leadership for new knowledge.

Examination details

Grading scale: TH - (U,3,4,5) - (Fail, Three, Four, Five)

Assessment: The examination is divided in three parts: a) Applied business project, b) literature seminars including critical review and team presentations, and c) Individual

reflection. The final grade is balanced between the applied business project including literature seminars (75%) and the individual reflection (25%). The start of the project, briefings, company presentations and the concluding reflection/evaluation are all obligatory.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Parts

Code: 0122. **Name:** Project.

Credits: 7,5. **Grading scale:** UG.

Code: 0222. **Name:** Group Book Application.

Credits: 0. **Grading scale:** UG.

Code: 0322. **Name:** Individual Reflection.

Credits: 0. **Grading scale:** UG.

Admission

Admission requirements:

- MIO022/MIOF20/MIOF21 Strategic management and two of the Courses within the specialization business and innovation

The number of participants is limited to: No

The course overlaps following course/s: MIO015

Reading list

- A selection of articles and literature.

Contact and other information

Course coordinator: Ingela Elofsson, Ingela.Elofsson@iml.lth.se

Course homepage: <http://www.pm.lth.se>