



ME2092 Management of Technology Innovation and Creativity 6.0 credits

Ledarskap för teknologisk innovation och kreativitet

Course syllabus for ME2092 valid from Autumn 16

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

Grading scale: A, B, C, D, E, FX, F

Education cycle: Second cycle

Main field of study: Industrial Management

Intended learning outcomes

On completion of the course, the student should be able to:

- present and critically discuss mechanisms behind industrial and technical transformation
- be able to develop and present leadership processes for industrial and technical transformation
- present and critically discuss the research area with a focus on technical and industrial transformation and leadership for this
- understand and account for what industrial creativity is and develop and present leadership processes for creativity

Course main content

Given that the students have basic knowledge within economics, leadership and industrial and technical change, this course focuses on leadership for these processes. Important concepts in the course include dominant design, different classifications of innovations (such as architectural, modular or radical innovations) and these are related to learning, leadership and business models. Different forms to organise the innovation process is analysed. The concept of innovation management is also related to entrepreneurial processes and industrial creativity, within both production and services. Furthermore, the course deals with funding issues and immaterial rights in connection with innovation. The students will also develop plans for organisation and leadership that stimulates innovation and creativity.

Language of instruction

Language of instruction is specified in the course offering information in the course and programme directory.

Eligibility

ME1003 Industrial Management, basic course (6,0 higher education credits) or similar

Literature

Tidd & Bessant, 5th ed. (2013), Managing Innovation

Kiholm-Smith, Smith & Bliss (2011), Entrepreneurial Finance (kap 1 & 3)

Sundbo, 2005, Contemporary Management of Innovation (kap 1)

Whetten & Cameron, 8th ed. (2011) (utdrag)

Distributed material and scientific articles

Material collected by the students themselves

Examination

- SEM1 - Seminar, 1.5 credits, grading scale: P, F
- TEN1 - Examination, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- TEN2 - Examination, 1.5 credits, grading scale: A, B, C, D, E, FX, F