MF2094 Develop Creativity 3.0 credits

Utveckla kreativitet

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

Establishment

Course syllabus for MF2094 valid from Spring 2018

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

Degree of Bachelor of Science in Mechanical engineering or the equivalent and admitted to TIPDM Master programme, track IPDC (Technical design) .

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 students should be able to:

- account for different aspects of creativity at individual level in groups and in organisations

- understand the relation between creativity and innovation

- use technologies and tools to develop creativity

- create and lead a creative workshop

Course contents

Different aspects of creativity will be explored, and different technologies and tools are presented to develop creativity.

Disposition

The course consists of half day seminars, home assignments and planning and execution of a creative workshop.

Course literature

Creative confidence, Tom Kelley and David Kelley, William Collins, Paperback 2015

Articles

Be recommended:

The Artist's way- A spiritual Path to higher creativity, Julia Cameron, Tarcher Penguin 2002

Also see www.theartistsway.com

Examination

- INL1 - Hand in exercise, 1.0 credits, grading scale: P, F
- PRO1 - Project, 2.0 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.

Particpation at seminars, minimum 80%.

Approved home assignments and exercises.

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.