



# ML1109 Sustainable leadership with lean 2.0 credits

Hållbart ledarskap med lean

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

## Establishment

On 07/02/2020, the Dean of the ITM School has decided to establish this official course syllabus to apply from spring term 2020 (registration number M-2020-1313).

## Grading scale

P, F

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

Basic knowledge about Lean.

## Language of instruction

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

## Intended learning outcomes

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

- discuss and reason about models for Lean leadership related to the preconditions and sustainability of the leadership and how these influence one's own leadership
- translate models and methods to one's own situation and activities and concretise these in an action plan

## Course contents

Introduction to Lean leadership,  
Why lead? – about leadership versus management,  
Have a foundation in leader contributions, aims and assignments,  
The sustainability concept,  
Reveal and see – about visual control, **gemba** and motivation,  
**Hoshin Kanri** (Policy and improvement deployment) connected to sustainability,  
SCARF – to lead with or against one's brain,  
Challenge – about learning and Tough Care,  
Build – about leading systematic improvement  
The importance of courage and upper management,  
Systematic improvement work connected to sustainability.

## Examination

- SEM1 - Seminars, 1.5 credits, grading scale: P, F
- PRO1 - Project, 0.5 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

Attendance at 10 of 13 scheduled classes is required to pass the course.

## 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.