Blekinge Institute of Technology
Department of Mechanical Engineering

## COURSE SYLLABUS

## Lean Produktion

## Lean Production

## 7,5 ECTS credit points (7,5 högskolepoäng)

Course code: MT1444
Educational level: First cycle
Course level: G1N
Field of education: Technology
Subject group: Mechanical Engineering

Subject area: Mechanical Engineering
Version: 16
Applies from: 2013-07-01
Approved: 2013-05-29
Replaces course syllabus approved: 2011-03-25
describe the methodology for setup reduction - explain the purpose of the tools 5S and standardized way of working and be able to describe the methodology of these tools -describe the visual management tool - compare the pull and push production systems - conduct a value stream analysis in a production section in an enterprise

- explain the importance of continual improvements in a Lean Enterprise
- apply the PDCA method for continuous improvement
- describe the requirements and methods for implementation of Lean production


## 6 Generic skills

## 7 Learning and teaching

The literature is studied individually and then applied to a number of tasks to be submitted individually. The supervisor of the course then examines the data submitted and provide comments on them.
Swedish
8 Assessment and grading
Examination of the course

| Code Module | Credit | Grade |
| :---: | :---: | :---: |
| Assignment 1 | 1.5 ECTS | G-U |
| Assignment 2 | 1.5 ECTS | G-U |
| Assignment 3 | 1.5 ECTS | G-U |
| Assignment 4 | 1.5 ECTS | G-U |
| Examination | 1.5 ECTS | A-F |

The course will be graded A Excellent, B Very good, C Good, D Satisfactory, E Sufficient, FX Fail, supplementation required, F Fail.If grade FX or UX are given, the student may after consultation with the course coordinator / examiner get an opportunity to within six weeks complement to grade E or G for the specific course element.

## 9 Course evaluation

The course coordinator is responsible for systematically gathering feedback from the students in course evaluations and making sure that the results of these feed back into the development of the course.

## 10 Prerequisites

General requirements for university studies.
11 Field of education and subject area
The course is part of the field of education and is included in the subject area Mechanical Engineering.

## 12 Restrictions regarding degree

The course cannot form part of a degree with another course, the content of which completely or partly corresponds with the contents of this course.

13 Course literature and other teaching material
Liker, Jeffery K. (2009). / / The Toyota Way. / /
Edition 1. Liber AB, Malmö.
ISBN: 978-91-47-08902-4.

