

SYLLABUS

Thesis, Quality Engineering 30 credits K7001N

Examensarbete, kvalitetsteknik

Course syllabus admitted: Spring 2013 Sp 3 - Spring 2013 Sp 4

**DECISION DATE
2012-11-09**

Thesis, Quality Engineering 30 credits K7001N

Examensarbete, kvalitetsteknik

Second cycle, K7001N

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G#	Kvalitetsteknik	Industrial Engineering and Management

Entry requirements

Courses in Industrial and Management Engineering equivalent to courses for specialization in Quality Technology and Management. The examiner judges if the student has sufficient knowledge.

Selection

The selection is based on 30-285 credits

Examiner

Rickard Garvare

Course Aim

After completing the course, the student:

- should be able to independently develop and use his/her ability to formulate, process, analyze and develop problems in the field of quality of technology.
- in the chosen problem have shown a deep theoretical and methodological knowledge relevant to the diploma work thesis.
- should be able to independently review and assess scientific works, including his/her own.
- should be able to present his/her work orally and in writing in a scientific and otherwise rigorous manner. All of these elements are examined partly through the presentation of the work, partly through the diploma work thesis.

Contents

Issues in the field of quality engineering are dealt with, within the framework of the diploma work. The diploma work is intended to provide greater understanding of the problem area and ability to apply knowledge acquired earlier in the masters programme.

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Education consists mainly of supervision and possibly meetings in seminars.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. For the diploma work to be approved, the requirements beyond the approved written report and the approved summary in English are that the student:

- reports and during a thesis defence defends his/her work.
- is present at the presentation of at least two theses in addition to the above.

For details, see " Rutiner för utförande av examensarbete."

To pass the course the student shall participate in compulsory meetings and seminars, including one seminar for presentation and defense and one as opponent. Further participation in compulsory meetings and seminars as decided by the supervisor. To pass the course further requires e-publishing of the thesis in accordance with the rules of LTU and that the thesis is completed no later than 12 calendar months after the course has formally ended. The student can however only utilize further supervision 6 calendar months after the course has formally ended.

Remarks

Students must register for the courses themselves, or contact ETKS educational administration eduetks@ltu.se, not later than five days after the quarter commences. Failure to do so can result in the place being lost. This rule also applies to students with a guaranteed place.

Overlap

The course K7001N is equal to IEK099, K7007N

Literature. Valid from Spring 2013 Sp 3

Rutiner för utförande av examensarbete vid Avdelningen för kvalitets- & miljöledning, Luleå tekniska universitet, latest version.

Further literature can be included.

Course offered by

Department of Business Administration, Technology and Social Sciences

Items/credits

Number	Type	Credits	Grade
0001	Degree project	30	U G#

Last revised

by Director of Undergraduate Studies Bo Jonsson, Department of Business Administration, Technology and Social Sciences 2012-11-09

Syllabus established

by Department of Business Administration and Social Sciences 2007-02-28