CH211V RAMP Course 3: Proficiency in using RAMP for Risk Management of Work-Related Injuries 2.5 credits

RAMP-kurs 3: Fördjupade färdigheter i att använda RAMP för riskhantering av arbetsrelaterade skador

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

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for CH211V valid from Autumn 2024

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Technology and Health

Specific prerequisites

120 credits in technical science, natural science or medical science. Alternatively, at least 2 years of professional experience in work environment development. English B/6

Language of instruction

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

Intended learning outcomes

In this, the third RAMP course, the main objective is that the student becomes proficient in how to use the RAMP tool for systematic risk management of MSDs in manual handling jobs.

After successful completion of this course the student shall:

1. be skilled in applying all four modules in the RAMP tool for MSD risk management
2. be able to collect relevant and comprehensive information of the work tasks to be analysed
3. be able to identify risks using RAMP I and RAMP II
4. be able to assess risks using RAMP I and RAMP II
5. be able to develop risk reducing solutions and action plans
6. be able to communicate the results to various stakeholders

Course contents

In the course “Advanced Skills in Using RAMP for Risk Management of Work-Related Injuries”, you will learn to use all four modules of the RAMP tool and become proficient in managing the entire risk management process. You get to work with authentic cases from the business world.

The course content is given in different modules with a focus on:

- Summary from RAMP course 1 and 2,
- Assessment and examples from industry with heavy lifting and unfavorable working positions,
- Work with the RAMP tools,
- The risk management process,
- Repetitive work,
- Discussions and reflections, including a research article

The course is given remotely.

In the course seminars and for the assignments, the course language is Swedish. Some of the course material, including videos and self-correcting tasks, is in English

Examination

- INL1 - Hand in assignment, 0.5 credits, grading scale: P, F
- SEM1 - Seminars, 0.5 credits, grading scale: P, F
- ÖVN1 - Exercises, 1.5 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.

Learning objective 1 is examined through ÖVN1 and SEM1.

Learning objective 2 is examined through ÖVN1, INL1 and SEM1.

Learning objective 3 is examined through ÖVN1 and SEM1.

Learning objective 4 is examined through ÖVN1 and SEM1.

Learning objective 5 is examined through ÖVN1.

Learning objective 6 is examined through ÖVN1, INL1 and SEM1.

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.