

SYLLABUS

Psychological aspects of leadership and risk management 7.5 credits P0069A

Psykologiska aspekter på ledarskap och riskhantering

Course syllabus admitted: Autumn 2023 Sp 1 - Present

**DECISION DATE
2023-02-14**

Psychological aspects of leadership and risk management 7.5 credits P0069A

Psykologiska aspekter på ledarskap och riskhantering

First cycle, P0069A

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	G U 3 4 5	Psykologi	Psychology

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and K0007B Risk and safety - Basic course

Selection

The selection is based on 1-165 credits.

Course Aim

Knowledge and comprehension

After passing the course, the student should be able to:

- Show ability to analyze the demands that various situations pose on humans with respect to the following focus areas of the course: situation awareness, decision making, leadership, communication, teamwork, stress and fatigue.

Skills and abilities

After passing the course, the student should be able to:

- show ability to predict and evaluate risks that are due to limitations in human capabilities and behaviour.
- show ability to plan and conduct a project within given time limits where collaboration and leadership are central.
- present scientific material within the focus areas of the course in oral/written format.

Appraisal and approach

After passing the course, the student should be able to:

- critically reflect on how knowledge about situation awareness, decision making, communication, teamwork, leadership, stress, and fatigue can be applied within work as a fire protection engineer.

Contents

The course contents are the focus areas mentioned above, more specifically...

- Human information processing
- Decision making, communication, and collaboration in situations that involve high risks
- Basic leadership theories
- The relationship between stress, fatigue and performance

Realization

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

Course activities typically include lectures, seminars, project work and self-studies.

The project, which is performed as a group task, specifically practices the ability to independently search for information within the focus areas of the course from research articles. Within the project work, the students also practice the ability to present and explain scientific information within these areas to their course mates.

Parts of the course may be given in English.

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. *The course is examined in a written exam, 4,5 ECTS (Grades U, 3,4,5) and in a project task, 3 ECTS (Grades U, G).*

The following aims are specifically examined in the project:

- show ability to plan and conduct a project within given time limits where collaboration and leadership are central.
- present scientific material within the focus areas of the course in oral/written format.
- critically reflect on how knowledge about situation awareness, decision making, communication, teamwork, leadership, stress, and fatigue can be applied within work as a fire protection engineer.

The other course aims are examined in the written exam.

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Remarks

Students must register for the courses themselves, or contact HLT:s educational administration eduht@ltu.se, not later than three 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.

Study guidance is available in the learning platform Canvas before the start of the course. You who are a new student will find all the information you need at www.ltu.se/nystudent.

You who are already studying at Luleå University of Technology will find information about course start in the schedule on the student web or through the course room in the learning platform which you can reach at "Mitt LTU".

Overlap

The course P0069A is equal to P0021A

Course offered by

Department of Health, Education and Technology

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Written exam	G U 3 4 5	4.5	Mandatory	A19	
0002	Project work	U G#	3	Mandatory	A19	

Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2023-02-14

Syllabus established

by Director of Undergraduate Studies Daniel Örtqvist, Department of Business Administration, Technology and Social Sciences 2019-02-18