

**SYLLABUS**

# **Logistics 1 7.5 credits**

## **T0002N**

**Logistik 1**

**Course syllabus admitted: Autumn 2023 Sp 1 - Present**

**DECISION DATE**  
**2023-03-03**

# Logistics 1 7.5 credits T0002N

## Logistik 1

### First cycle, T0002N

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	G U 3 4 5	Industriell logistik	Industrial Engineering and Management

### Main field of study

Industrial and Management Engineering

## 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 completed the following courses with at least the grade Pass: Differential calculus (M0047M) 7,5 credits and Mathematical Statistics (S0001M) 7,5 credits, or equivalent knowledge.

## Selection

The selection is based on 1-165 credits.

## Course Aim

The student shall after the course be able to:

- Describe the logistical concepts and terms related to both internal and external logistics.
- Apply calculations related to production and material requirement planning, inventory management, capacity planning, forecasting, order management and distribution.
- Identify and formulate business problems related to the logistical areas such as production planning and inventory control.
- Analyze and discuss solutions to logistics problems that businesses may encounter

## Contents

Definition of logistics and the concept of logistics. The functions of the logistics systems. Examples of logistics functions are production control, inventory, warehousing, transportation, materials handling, order processing, information handling, and procurement. The logistics system's relationship to its environment, to other functions in the company, to other companies, and to the society as a whole.

## Realization

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

Lectures, seminars, computer work shops and assignments.

## 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. Written examination, compulsory attendances at seminars.

## 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 ETKS educational administration [eduetks@ltu.se](mailto:eduetks@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.

## Overlap

The course T0002N is equal to T0007N, IET064, K0020N, T0003N

## Course offered by

Department of Social Sciences, Technology and Arts

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Written exam	G U 3 4 5	4.5	Mandatory	A07	
0002	Required assignments	U G#	3	Mandatory	A07	

## 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 Daniel Örtqvist, HUL 2023-03-03

## Syllabus established

The syllabus was established on February 28, 2007 and is valid from the autumn term 2007.