

SYLLABUS

Management of cloud services 7.5 credits

W0011E

Drift av molntjänster

Course syllabus admitted: Autumn 2023 Sp 1 - Present

DECISION DATE
2022-02-11

Management of cloud services 7.5 credits W0011E

Drift av molntjänster

First cycle, W0011E

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	G U 3 4 5	Datorkommunikation	Computer Technology

Main field of study

Computer Science and 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 Knowledge in Operating systems and Computer-system administration (e.g. D0008E and D0026D).

Selection

The selection is based on 1-165 credits.

Course Aim

The course covers theoretical and practical knowledge of the principles and methods of operation of cloud services.

After course completion, the student should be able to demonstrate:

1. basic knowledge in installation and configuration of cloud services
2. basic knowledge in management of cloud services
3. an ability to describe the most common methods for operations of cloud services

It is important for studies conducted at university level that students reflect on their knowledge.

Contents

The course covers the following areas:

- Different types of cloud services and cloud platforms
- Installation, configuration and administration of cloud services

Realization

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

Lectures and laboratory work. Laboratory work is carried out in a computer lab both individually and in groups. Mandatory oral presentation and written reports.

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. Course outcomes are examined as follows:

1. Written examination
2. Laboratory work

Lab reports should contain the reflection of the student's knowledge development. Mandatory presentation of advanced assignment at the end of the course.

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.

Overlap

The course W0011E is equal to W0006E

Course offered by

Department of Computer Science, Electrical and Space Engineering

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0002	Laboratory work	U G#	4.5	Mandatory	A18	
0003	Written exam	G U 3 4 5	3	Mandatory	A21	

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 Jonny Johansson, HUL SRT 2022-02-11

Syllabus established

by Jonny Johansson, HUL SRT 2018-02-15