Advanced Switching 7.5 credits W0003E

Avancerad Switching

Course syllabus admitted: Spring 2021 Sp 3 - Present

DECISION DATE
2020-02-21

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Advanced Switching 7.5 credits W0003E

Avancerad Switching

First cycle, W0003E

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

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

Selection

The selection is based on 1-165 credits.

Examiner

Örjan Tjernström

Course Aim

The course provides advanced theoretical and practical knowledge in construction of WAN networks.

Contents

Wide Area Networks, WAN technologies and related protocols, IP Quality of Service and basic network security.

Realization

Each course occasion´s language and form is stated and appear on the course page on Luleå University of Technology's website.
The course consists of lectures and laborations. Laboration tasks are performed individually or in groups and are presented orally and/or written.

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 exam, oral or combination of written and oral exam. Compulsory laboratory assignments and practical exam. Passing the lab assignment part of the course requires a passed grade on all individual assignments. Examination can take place a maximum of three years after course registration. Students failing to pass the course will be examined according to the latest course plan.

Overlap

The course W0003E is equal to D0029D

Literature. Valid from Spring 2020 Sp 4

Title: Implementing Cisco IP Switched Networks (SWITCH) : Foundation Learning Guide
Author: R. Froom
Publisher: Cisco Press
ISBN: 9781587206641

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Course offered by

Department of Computer Science, Electrical and Space Engineering

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Written exam	G U 3 4 5	3	Mandatory	A12	
0002	Laboratory work	U G#	4.5	Mandatory	A12	

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 2020-02-21

Syllabus established

by Jonny Johansson, HUL SRT 2012-03-14

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