

Internet Protocols

ETSF10





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ETSF10 – Internet protocol

- <http://www.eit.lth.se/course/etsf10>
- Wir, D, I, Exchange, ...
- 7.5 hp
- A second course in Internet, protocols and communication systems



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Goal

- Understanding how and why Internet works
- Practical experience from some important protocols
- Comparison and discussion of theory and practice.



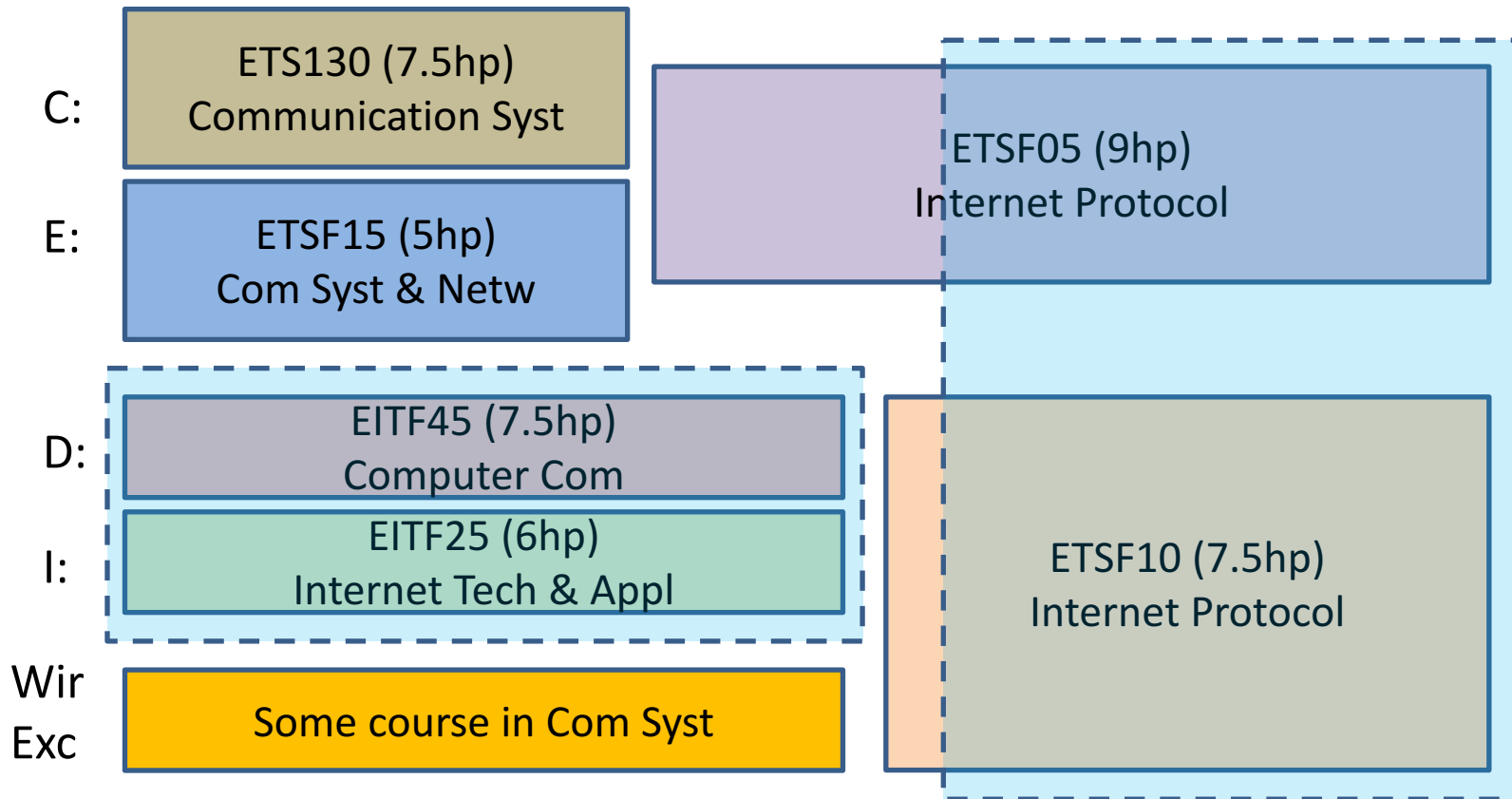
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Structure

- 6.5 lectures
- 3 exercises
- 2 projects
- 3 quizzes
- 3 online discussions



Co-operation with ETSF05





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Projects

- Routing project
 - Introduction and start today
 - Study week 1-5
- TCP project
 - Introduction on lecture 20 Nov
 - Study week 4-7



Examination

- Online discussions via oodle
 - Answer a question and comment other's answer
- Three (online) quizzes via Moodle
 - Gives grade 3 or 4
- Home assignment for 4 -> 5
 - Study and present article at online meeting
 - Discussion on others presented material
- Projects



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Moodle

- <http://elearning.eit.lth.se>
- Log in to Moodle using your STIL-id
- Log in to the course using the *enrolment key*
 - Handed out on the lecture or via mail



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Literature

- William Stallings: *Data and Computer Communications*, 10th ed, International ed, Pearson, ISBN 978-1-292-01438-8



Personnel

- Course responsible: Stefan Höst
- Lecturer: Kaan Bur
- Assistant: Karl Minör
- Project:
 - Jens Andersson (Routing)
 - Kaan Bur (TCP)
- Course secretary: Anne Andersson



More about examination

- Quizzes with multiple choice questions
 - Time limited (4 hours)
 - Two attempts (24 hours in between)
 - Grades 3 or 4 (60% resp 80% total score)
- Extra assignment (Grade 4 -> 5)
- Online discussions
 - Give an answer to a question
 - Comment other students answers and comments
 - Need 9 points to pass the discussion
 - Posts within deadline give 3 points
 - Posts after deadline give 2 points
- Projects



Overview

week	Lecture	Exercise	Discussion	project	Quizzes
1	30/10 Intro (1 hr)		30/10-3/11 (A)	Routing	
2	6/11 Routing 1 7/11 Routing 2	9/11			8-13/11 (A)
3			13-17/11 (B)		
4	20/11 Network L 21/11 Transport L	23/11			TCP
5			27/11-1/12 (C)		
6	4/12 Higher layers 5/12 Performance	7/12			6-11/12 (C)
7					
Xmas					
Exam					Extra assignment



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And finally...

- Plan your time!
 - Many parts in the examination
 - Keep track of the deadlines