

Student Seminar

Security Protocols and Applications

Betül Durak, Max Duparc, Serge Vaudenay



<http://lasec.epfl.ch/>

Prerequisites

- **COM-301 Computer Security**
- **COM-401 Cryptography and Security**

Student Seminar: Security Protocols and Applications

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- (Teams of) students give courses.
- Course subjects to be assigned starting TODAY.
- (Short) written lecture notes (by the students).
- Also graded by peers.
- No final exam.
- Attendance is mandatory.

Grade Statistics — Student Seminar: SPA

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
# students at exam	10	12	28	13	13	9	13	9	9	11	13	25	15	15	9	9	11	17	26	12	21
success rate	100%	92%	96%	100%	100%	100%	92%	100%	100%	91%	92%	100%	93%	100%	100%	100%	100%	91%	100%	91%	100%
average grade	5.45	4.58	4.73	5.23	5.15	5.39	5.08	5.06	5.44	4.86	4.73	5.28	5.60	5.08	5.56	5.19	5.34	5.74	5.25	5.92	
6.00	2	1		1		3	2		1	1		9	2	5	1	1	13	2	18		
5.75													1	1	1	2	5	6	5	2	
5.50	6	1	6	7	6	3	4	4	6	3	5	15	4	2	1	3	10	2			
5.25													3	1	2	1	2	4			
5.00	1	4	8	3	6	1	3	2	2	3	1	9	1		3	2					
4.75													4	1		2	1	3	1		
4.50	1	1	8	1		2	2	3		2	3	1		1							
4.25													1	1							1
4.00		4	5	1	1		1			1	3		1		1						
3.75																					1
3.50																					
3.25																					
3.00																					
2.75																					
2.50																					
2.25																					
2.00																					
1.75																					
1.50																					
1.00																					

Schedule and Policy (2025)

lectures: 17.2 - 24.2 - (3.3 *cancelled*) - 10.3 - 17.3 - 24.3 -
31.3 - 7.4 - 14.4 - 28.4 - 5.5 - 12.5 - 19.5 - 26.5

information:

<http://moodle.epfl.ch/course/view.php?id=13965>

$$\text{grade} = \text{round} \left(F(\text{grade}_{\text{peer}}, \text{grade}_{\text{instructors}}) \pm \text{bonus} \right)$$

(normally, F computes the average)

$$|\text{bonus}| \leq 0.5 \text{ (depends on compliance to the rules)}$$

Organization

- Students [set up teams and] select topics with coordinator.
- Coordinator sets up the agenda together with the teams.
- Teams are assigned a coach.
- Teams should meet the coach.
- Presentation must last 30 minutes + questions, go into some details, and be easy to understand.
- Presentations and reports are graded by peers and instructors (please be fair).
- Evaluation comments will be sent to the students.
(Do not write any offensive comment!)
- **Teams of 2–3** are highly encouraged.

Rules

- REPORT MUST BE BRIEF, strictly limited to 4 pages: no fat!
- NO PLAGIARISM (make quotes clearly visible)
- Do not recycle a presentation that you already did.
- Do not make a too short or too long presentation.
- Give your presentation as scheduled.
- Report+slides must be sent to coordinator before Friday noon before the presentation for inclusion on the web.
(Except for the first presentation.)
- Participate in other presentations (ask questions).
- PRESENCE IS MANDATORY (being absent twice or less is ok).
Don't forget to sign a presence sheet.
- Absences with "good motivation" do not count.
- Unmotivated absence to one or both talks of same day count 1.
Check the agenda to see if we start at 8.15am!
- Any failure is subject to a grade PENALTY.

Q & A