

**Veranstaltungstitel:** Web Security

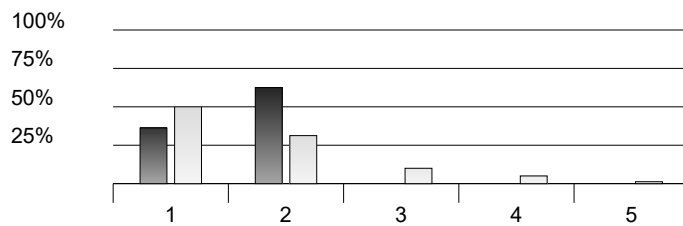
**Dozent / Dozenten:** Dr. Ben Stock

**Auswertungen auf Skalenebene**

 Course  Comparison

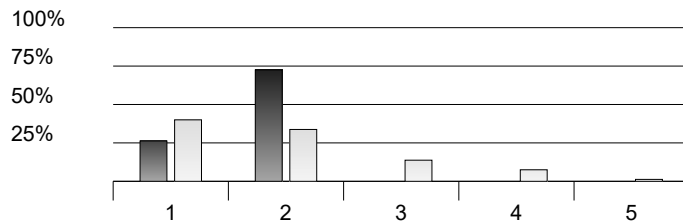
**Lecturer**

M	1,57
SD	0,36
M Referenzgruppe	1,76
SD Referenzgruppe	0,86



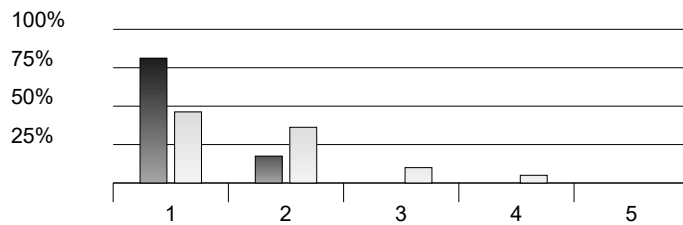
**Structure**

M	1,61
SD	0,36
M Referenzgruppe	1,89
SD Referenzgruppe	0,97



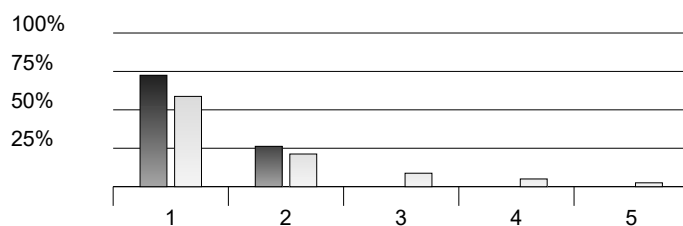
**Topic**

M	1,27
SD	0,33
M Referenzgruppe	1,78
SD Referenzgruppe	0,82



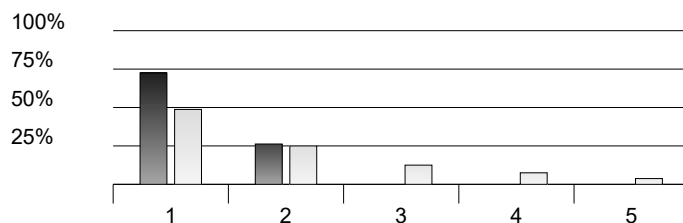
**Organization**

M	1,36
SD	0,42
M Referenzgruppe	1,74
SD Referenzgruppe	1



**Overall Assessment**

M	1,33
SD	0,35
M Referenzgruppe	1,98
SD Referenzgruppe	1,11



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### Auswertungen auf Itemebene

Häufigkeiten

Skala	Itemtext	1	2	3	4	5	N	M	SD	k.A.	
		completely ▼					▼ not at all				
Lecturer	The lecturer was enthusiastic and motivated.	8	3	0	0	0	11	1,27	0,47	0	
Lecturer	I was able to follow the pace of the lecturer.	3	6	1	1	0	11	2	0,89	0	
Lecturer	The lecturer provided a good learning and working atmosphere.	5	6	0	0	0	11	1,55	0,52	0	
Lecturer	The lecturer has always been well prepared.	7	4	0	0	0	11	1,36	0,5	0	
Lecturer	The lecturer was very competent.	9	2	0	0	0	11	1,18	0,4	0	
Lecturer	The lecturer was able to put complicated ideas across.	3	6	2	0	0	11	1,91	0,7	0	
Lecturer	It was important to the lecturer that the participants benefitted from the course.	6	3	2	0	0	11	1,64	0,81	0	
Lecturer	The lecturer motivated the participants.	5	5	1	0	0	11	1,64	0,67	0	
Structure	The learning objective was clear to me.	6	5	0	0	0	11	1,45	0,52	0	
Structure	The educational objectives were well defined from the beginning.	6	5	0	0	0	11	1,45	0,52	0	
Structure	The course was well structured and comprehensible.	4	7	0	0	0	11	1,64	0,5	0	
Structure	The structure of the content was logical/easy to follow.	2	8	1	0	0	11	1,91	0,54	0	
Topic	I was already interested in the subject of the course before I signed up for it.	6	4	0	1	0	11	1,64	0,92	0	
Topic	I believe that I have learned important facts in this course.	9	2	0	0	0	11	1,18	0,4	0	
Topic	The topic of the course is relevant.	11	0	0	0	0	11	1	0	0	

		too demanding ▼					▼ too little demanding				
Requirements	The difficulty of the content was...	2	7	2	0	0	11	2	0,63	0	
Requirements	The amount of the content was...	1	8	2	0	0	11	2,09	0,54	0	
Requirements	The requirements of the course were...	1	5	4	1	0	11	2,45	0,82	0	
Requirements	The amount of time required for the course (including preparation and follow-up) was...	3	8	0	0	0	11	1,73	0,47	0	
Requirements	Overall, I felt the course to be...	2	6	3	0	0	11	2,09	0,7	0	

		completely ▼					▼ not at all				
Organization	Concerning the organizational aspects of the course (i.e. place, time, performance requirements) I was informed well.	7	4	0	0	0	11	1,36	0,5	0	
Organization	I was satisfied with the accessibility of necessary learning material.	7	4	0	0	0	11	1,36	0,5	0	
Organization	Organizational issues were dealt with in time and in detail.	8	3	0	0	0	11	1,27	0,47	0	
Organization	The course was running smoothly during the semester.	7	4	0	0	0	11	1,36	0,5	0	
Organization	Altogether, the course was well organized.	7	3	1	0	0	11	1,45	0,69	0	
Overall Assessment	Overall, this was a good course.	7	4	0	0	0	11	1,36	0,5	0	
Overall Assessment	I learned a lot in this course.	10	1	0	0	0	11	1,09	0,3	0	
Overall Assessment	The course fulfilled my expectations.	8	3	0	0	0	11	1,27	0,47	0	
Overall Assessment	I would recommend the course.	9	2	0	0	0	11	1,18	0,4	0	
Overall Assessment	In terms of its quality, this course was as good as the best course I have ever attended.	5	4	2	0	0	11	1,73	0,79	0	

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## Antworten auf Freitextfelder

### Further remarks: I especially appreciated

"The fast feedback in the Askbot and that problems were fixed also pretty fast. Thanks to the whole Team and Ben for a great course!"

"That the lecture was really practical, both in defense and in offense, with many well designed CTF challenges. Also, I liked the idea of the scoreboard and the different ranks, and it was really motivational to solve the challenges as fast as possible."

"A lot of aspects covered. A lot of practical exercises to get the grip of how things work in real life. Q/A sessions were recorded. High quality slides."

"I especially appreciated the Gameserver, its ranking system and scoreboard, and the very practical nature of this course."

"the perfect balance between theory and practice in the course"

"practical online tasks"

### Further remarks: I did not like

"1. Requires a lot of background in Web languages (Html, javascript, PHP) as well as python at some point, but it's not mentioned in the requirements. 2. There are insufficient guidelines on e.g. html/javascript functionality for the exercises, ended up consuming more time googling the above than working on the actual lecture content. 3. No forum answers on the weekend (some of us e.g. me have deadlines thursday and work tuesday/wensday, not enough time left to do the exercises before weekend when forum is unavailable). 4. Some aspects are explained too quickly/not in a very beginner friendly way (e.g. clickjacking, dns rebinding). End up pausing the lecture every 20 minutes and googling to understand in detail, otherwise cant follow with the lecturer (this however is personal, i dont know if there are others who also have this issue)."

"The interaction with the virtual machine was suboptimal: I used nano to complete the exercises, which I find quite tedious (using Git does not really solve this issue). Although some people managed to set up deployment with PyCharm, this does not seem to be trivial and has not been explained in the course."

"some features of pycharm (autodeployment) were blocked (or at least mitigated) but no alternatives were explained"

### Further remarks: Suggestions for improvements

"Maybe increase the verbosity of the crawler a little bit (f.i. displaying the chromium console error log as feedback would help in some cases where the exploit works locally, but not remotely)"

"1. I understand people need to already have understanding of web languages and it's hard to have extra lectures on these, however some cheat sheet slides would be very beneficial (e.g. access elements inside AJAX response, had to google so long and read documentations to find how to do it, when it was just simple 'getElementsByTagName' after parsing the response with parser). After all not all of us did web languages in high school/free time. 2. It would be nice if forum threads would be answered till saturday afternoon. 3. Given that lecture total timespan is around 50 minutes (not counting Q/A), i would really prefer that lecture span was 30 minutes more but aspects were explained more slowly with more examples. As written above, some aspects were a bit rushed / were explained in a way as if expected that the viewer understands everything. However most of the lectures were perfect, this was the case with just a few."

"If nobody has reached the highest Gameserver rank by the end of this course, then please tell us what it is called. :) Additionally, I suggest you to explain PyCharm deployment to us, to allow for better interaction with the virtual machine."

"provide a better working environment, explain how to use a proper deployment since this is not trivial to everyone"