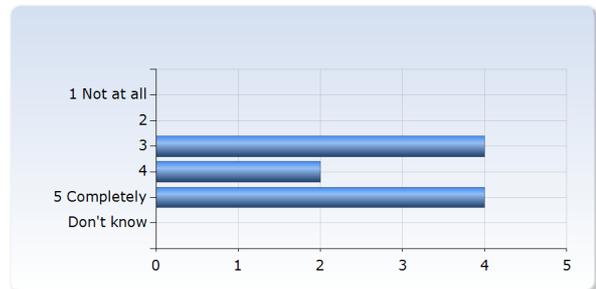


FK8008 - Statistical Physics I

Respondents: 17
Answer Count: 10
Answer Frequency: 58,82 %

5. Overall impression

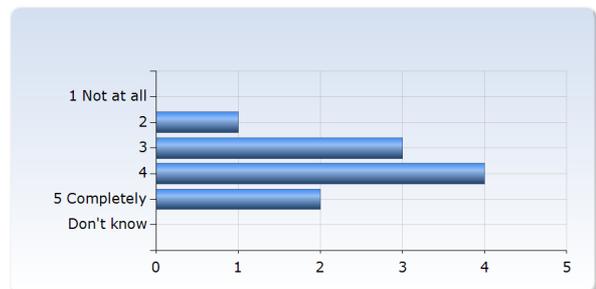
Overall I am satisfied with this course	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	4 (40,0%)
4	2 (20,0%)
5 Completely	4 (40,0%)
Don't know	0 (0,0%)
Total	10 (100,0%)



6. Student contribution

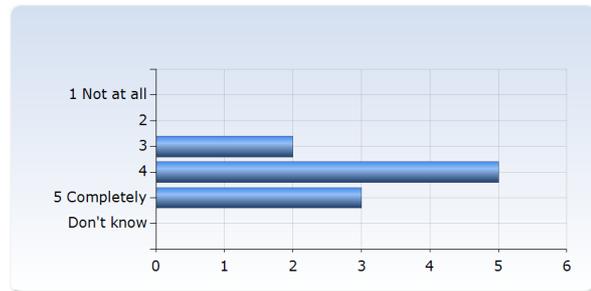
I am satisfied with my own effort in the course

I am satisfied with my own effort in the course	Number of Responses
1 Not at all	0 (0,0%)
2	1 (10,0%)
3	3 (30,0%)
4	4 (40,0%)
5 Completely	2 (20,0%)
Don't know	0 (0,0%)
Total	10 (100,0%)



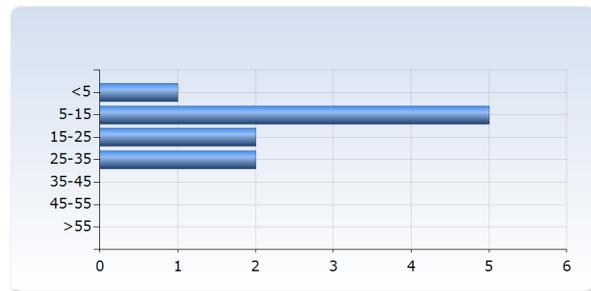
I took responsibility for my own learning in the course

I took responsibility for my own learning in the course	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	2 (20,0%)
4	5 (50,0%)
5 Completely	3 (30,0%)
Don't know	0 (0,0%)
Total	10 (100,0%)



7. Work load

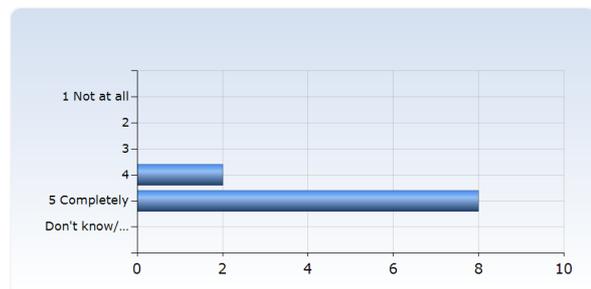
Indicate how many hours per week on average you have spent on the course, including self-studies and scheduled study time	Number of Responses
<5	1 (10,0%)
5-15	5 (50,0%)
15-25	2 (20,0%)
25-35	2 (20,0%)
35-45	0 (0,0%)
45-55	0 (0,0%)
>55	0 (0,0%)
Total	10 (100,0%)



8. Clear aims

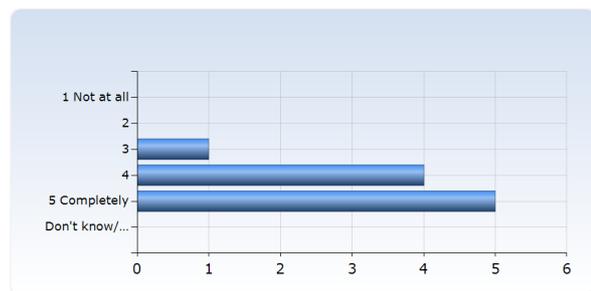
It was clear to me what I was expected to learn

It was clear to me what I was expected to learn	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	2 (20,0%)
5 Completely	8 (80,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



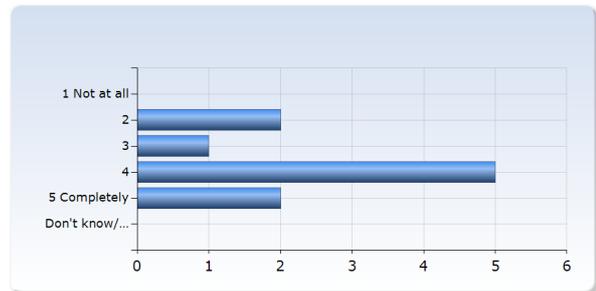
I felt that the course content and teaching methods were relevant to the learning outcomes

I felt that the course content and teaching methods were relevant to the learning outcomes	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	1 (10,0%)
4	4 (40,0%)
5 Completely	5 (50,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



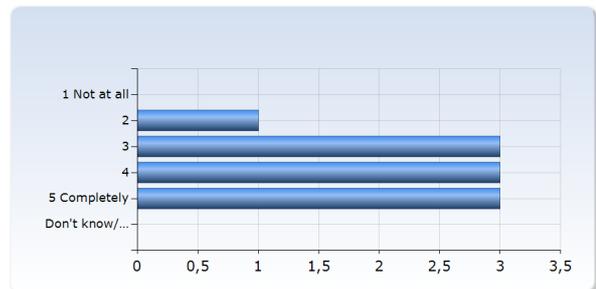
The examination tested how well I had achieved the learning outcomes

The examination tested how well I had achieved the learning outcomes	Number of Responses
1 Not at all	0 (0,0%)
2	2 (20,0%)
3	1 (10,0%)
4	5 (50,0%)
5 Completely	2 (20,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



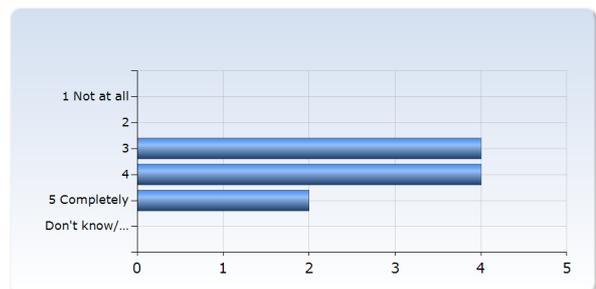
The course corresponded to my expectations

The course corresponded to my expectations	Number of Responses
1 Not at all	0 (0,0%)
2	1 (10,0%)
3	3 (30,0%)
4	3 (30,0%)
5 Completely	3 (30,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



I feel that I will have use of what I have learnt after my studies

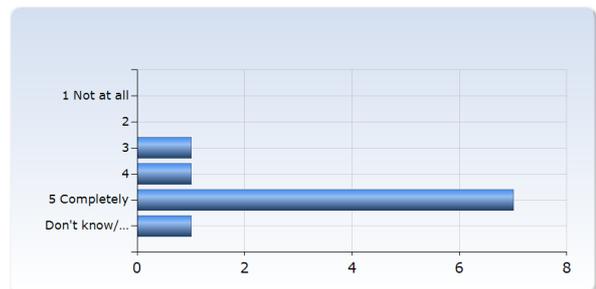
I feel that I will have use of what I have learnt after my studies	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	4 (40,0%)
4	4 (40,0%)
5 Completely	2 (20,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



9. Good teaching

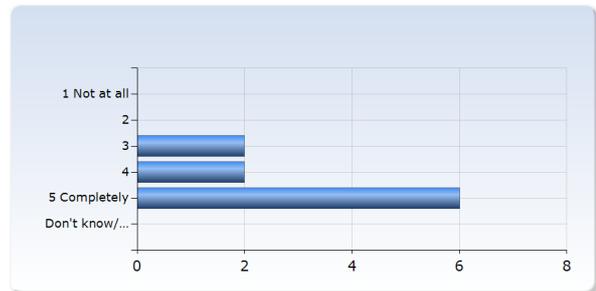
The course prerequisites were sufficient to follow the course

The course prerequisites were sufficient to follow the course	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	1 (10,0%)
4	1 (10,0%)
5 Completely	7 (70,0%)
Don't know/ Not relevant	1 (10,0%)
Total	10 (100,0%)



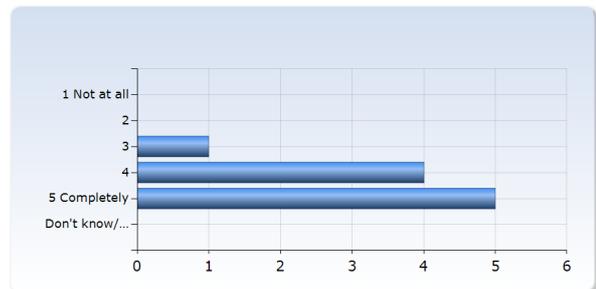
I felt that the course was well structured

I felt that the course was well structured	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	2 (20,0%)
4	2 (20,0%)
5 Completely	6 (60,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



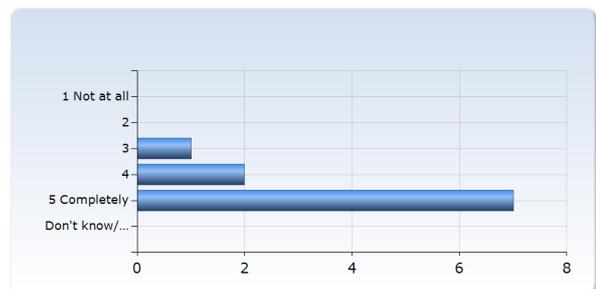
I felt that the teachers have helped me to reach the learning outcomes

I felt that the teachers have helped me to reach the learning outcomes	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	1 (10,0%)
4	4 (40,0%)
5 Completely	5 (50,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



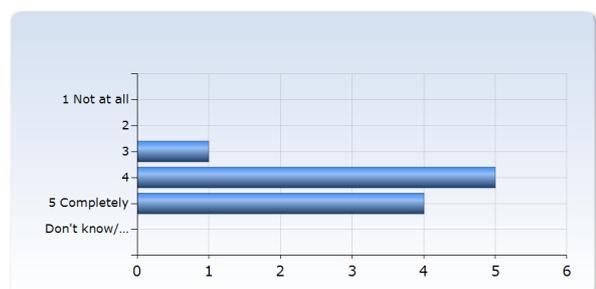
I could understand what was being taught

I could understand what was being taught	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	1 (10,0%)
4	2 (20,0%)
5 Completely	7 (70,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



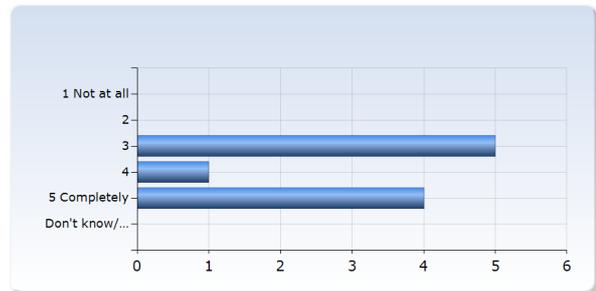
I have received constructive feedback on my performance

I have received constructive feedback on my performance	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	1 (10,0%)
4	5 (50,0%)
5 Completely	4 (40,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



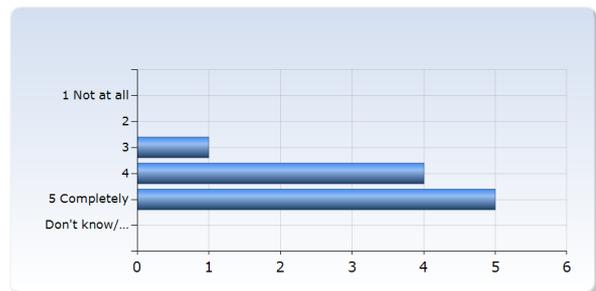
I was encouraged to reflect on my learning during the course

I was encouraged to reflect on my learning during the course	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	5 (50,0%)
4	1 (10,0%)
5 Completely	4 (40,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



The course material helped me in my work to achieve the learning outcomes (literature, e-resources etc.)

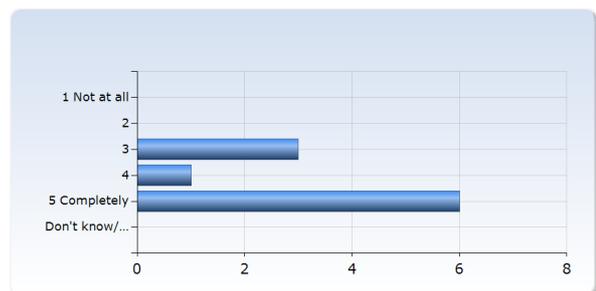
The course material helped me in my work to achieve the learning outcomes (literature, e-resources etc.)	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	1 (10,0%)
4	4 (40,0%)
5 Completely	5 (50,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



10. Administration and study environment

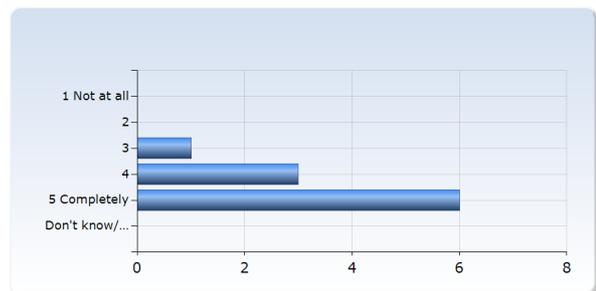
I felt that the course was well organized

I felt that the course was well organized	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	3 (30,0%)
4	1 (10,0%)
5 Completely	6 (60,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



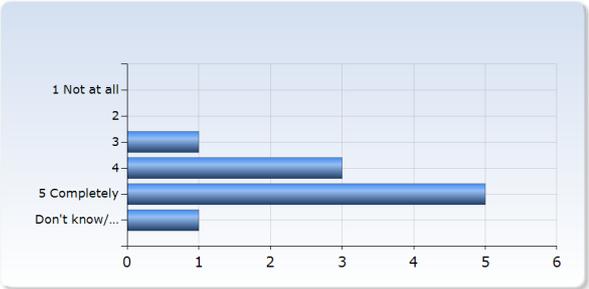
I have been able to find the information I felt I needed before and during the course

I have been able to find the information I felt I needed before and during the course	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	1 (10,0%)
4	3 (30,0%)
5 Completely	6 (60,0%)
Don't know/ Not relevant	0 (0,0%)
Total	10 (100,0%)



I was able to get support when I needed it

I was able to get support when I needed it	Number of Responses
1 Not at all	0 (0,0%)
2	0 (0,0%)
3	1 (10,0%)
4	3 (30,0%)
5 Completely	5 (50,0%)
Don't know/ Not relevant	1 (10,0%)
Total	10 (100,0%)



Course Summary for FK8008 VT 2017

This is the last time this course is going to be taught in the Masters program, since an almost identical course is being taught in the third year of the new Bachelors program. So I will mostly comment only on those points brought up during the evaluation, which suggest a need for something to be changed in the course. This will be useful to keep in mind when teaching the course in the Bachelor's program.

I am happy about those who appreciated the lectures and the topic! For those who would like to learn a little more about Statistical Mechanics, I should add that we are going to be offering a more advanced course starting spring 2018. This will deal almost exclusively with Phase transitions, something we barely got the time to touch upon in this course.

A fair number of the students (4 out of 10) don't seem satisfied with their own effort in the course. Now since this course is a half-paced course, with other, possibly more demanding, courses being taught simultaneously, it is a little hard to address this point. But something I have thought about in connection with other courses taught here as well, is to have extra informal sessions, where a room, or some sitting area with a board, could be arranged for students who want to discuss amongst themselves a little more after the lectures. It might be difficult for the lecturer to be available at this time (due to other teaching commitments *etc*), but this could be kept flexible. This would also address the issue of 6 out of 10 students saying that they spend less than 15 hours a week on this course. While mathematically easy, there are conceptually many tricky points, that really need time and effort in order to be understood well! This would also address the issue of only 5 out of 10 students feeling that they were encouraged to reflect on their learning during the course (the other 5 are ambivalent). I hoped that all the take-home assignments and exercise sessions as well as the lectures would do the job. But perhaps we also need other more informal sessions where some (conceptually tricky) issue is discussed by the students amongst themselves.

The hand-ins seem to have been mostly appreciated, with one comment on how it could be useful to have more of them, or more exercises per hand-in. Since this course is not a full-paced course, I was a little careful about the work load I put on the students. But perhaps I could have more optional exercises at different levels, for those students who would like a little more practice.

Opinions on how many exercise sessions would be optimal, seem a bit varied. Some want less and some more. I am not sure I will consider having less in the future. But I will certainly think about the format of the sessions, in order that whoever attends, gets the most out of it.

As far as the exam goes, there was one comment on wanting to have a formula sheet with the exam. My point of view with this course has always been, that there are only a few

really essential points to remember and everything follows logically from these, with no strain on the memory (even the derivation of the Bose-Einstein distribution, which the author of that comment feels is hard to remember :-)). I will try to emphasize this aspect even more in the future.

Out of the 16 who took the exam, 5 failed (with one Fx), 2 got an E, 3 got a D, 2 got a C, 1 got a B and 3 got an A. I am happy that there were some grades in the middle this time, as opposed to previous years, when there were almost none. But I would have been happier if less people failed! Especially since some of them were students who really put in an effort into doing the hand-in exercises very well. Even here, the suggestion I have above, of having more informal sessions, besides just the lectures and exercise sessions, could possibly be beneficial. On the whole I found this class exceptionally motivated, interactive and very interesting to teach. I wish each and everyone of them the very best in the future!

Supriya Krishnamurthy