

1. What was the best aspect of the course?

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Learning more about aerosols and clouds

The exercises for the tutorial and the ozone lab

The course material to be uploaded on to mondo.

Ozonlabben

Intressant ämne

The ozone lab assignment - not the actual practical part of measuring ozone, that was not very good in my opinion, but writing a report focused on the interpretation of measurement data is good. It requires a different level of understanding the material as you have to apply it to real life data and that really enhanced the course. Because just the theory+exam were not great..

2. What improvements would you suggest in the course?

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Some basic chemistry is of course needed, but I think it might have been a little too much. For example, some conceptual understanding of orbitals is good but I don't think it has to be that detailed.

Improve the lectures (too much new information was given per lecture, which made it difficult to follow) and clarify what the learning outcomes are

Repetition on what we did the previous session.

Mindre antal slides på powerpoint-presentationerna.

More things that require thinking, such as writing the ozone report. I found this a very passive and easy course, it was almost non-scientific, requiring only global qualitative understanding of concepts instead of deep understanding and ability to apply the theory in a representative context. So in my opinion, the level of difficulty could/should be increased and the degree of active engagement of students as well. (exercise lectures are not enough, also these were low level and not motivating.)

3. What advice would you like to give to future course participants?

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Not to focus too much on the calculation exercises but more on understanding the concepts.

Use other informative sources as well as the ones offered

Gå på föreläsningar och räkneövningarna. Mycket tydligare än vissa avsnitt i boken.

Försök plocka ut det viktigaste ur lektionerna men glöm inte grunderna.

Try to dig a bit deeper than is required to pass the course because that makes it a lot more fun for you. Atm chem is very interesting, just try to make the course interesting for yourself.

4. Other comments

Other comments

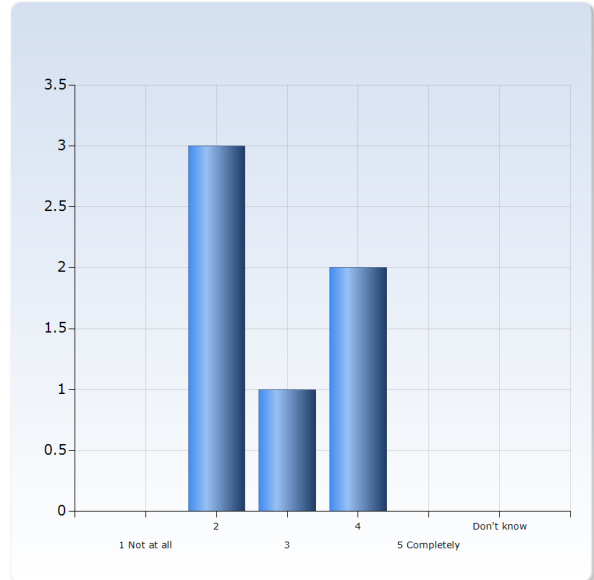
There were many details to remember, like mixing ratios and residence times for certain components. I'm not sure if that so useful to remember. I would be better to be able to interpret mixing ratios and residence times, not knowing them by heart.

Maybe it's an idea, to be able to increase the level, to start this course with a general 'intro-test' in basic chemistry, not for a grade, but for all students to get insight into what their basic level of chemistry is. Maybe concise but complete catch-up documents or something could be provided for each basic chemistry concept, so that students who find out that they lack knowledge about a few basic concepts can catch up themselves, and then the course can drop the basics and focus on more interesting advanced concepts and add a bit of depth. It's ok to ask students to take responsibility, and to require them to have a certain level of chem knowledge, when they're 3rd year meteo students or master students.



5. Overall impression

Overall I am satisfied with this course	Number of Responses
1 Not at all	0 (0.0%)
2	3 (50.0%)
3	1 (16.7%)
4	2 (33.3%)
5 Completely	0 (0.0%)
Don't know	0 (0.0%)
Total	6 (100.0%)



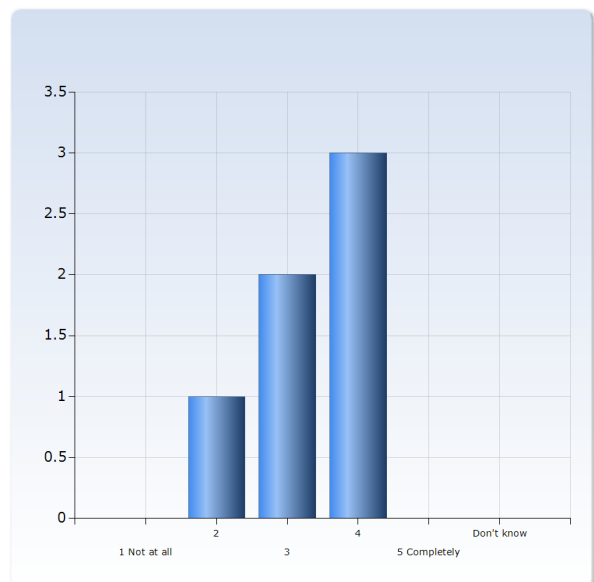
Comment on the overall impression

I learned a lot but sometimes strange focus on certain topics.
Ozone lab was really fun and useful.
see above

6. Student contribution

I am satisfied with my own effort in the course

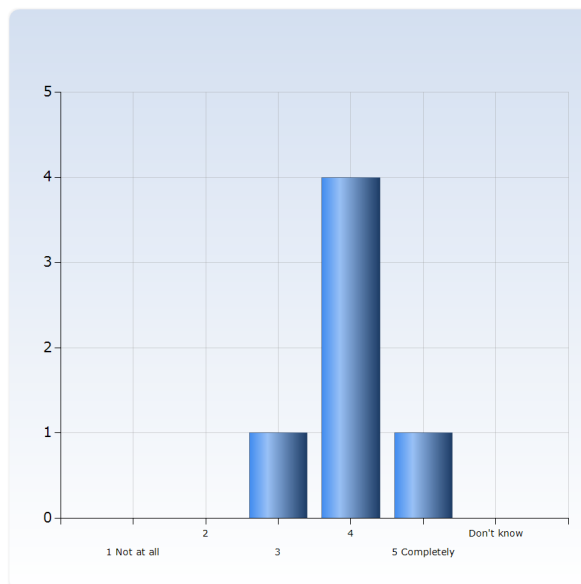
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I took responsibility for my own learning in the course

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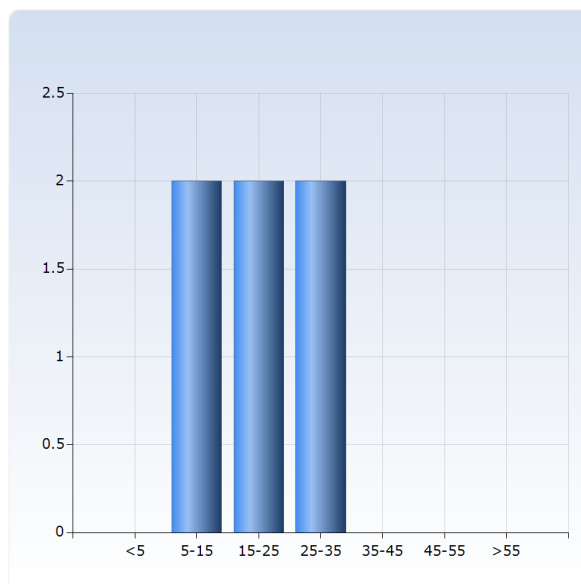


Comment on your contribution

As said, this course required own initiative and interest in the subjects to be fun

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	0 (0.0%)
5-15	2 (33.3%)
15-25	2 (33.3%)
25-35	2 (33.3%)
35-45	0 (0.0%)
45-55	0 (0.0%)
>55	0 (0.0%)
Total	6 (100.0%)



Comment on the work load

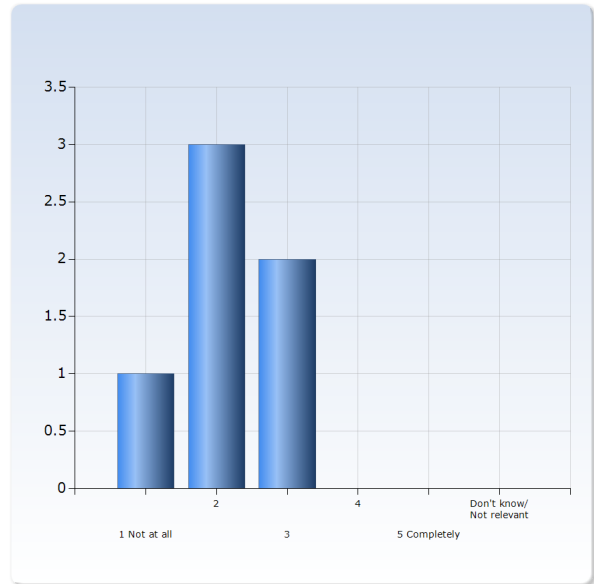
This also depends on your previous chemistry knowledge I think
Could definitely be increased



8. Clear aims

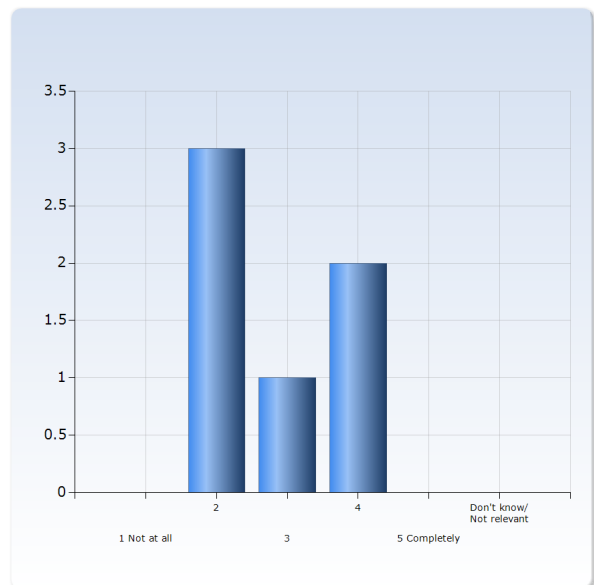
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I felt that the course content and teaching methods were relevant to the learning outcomes

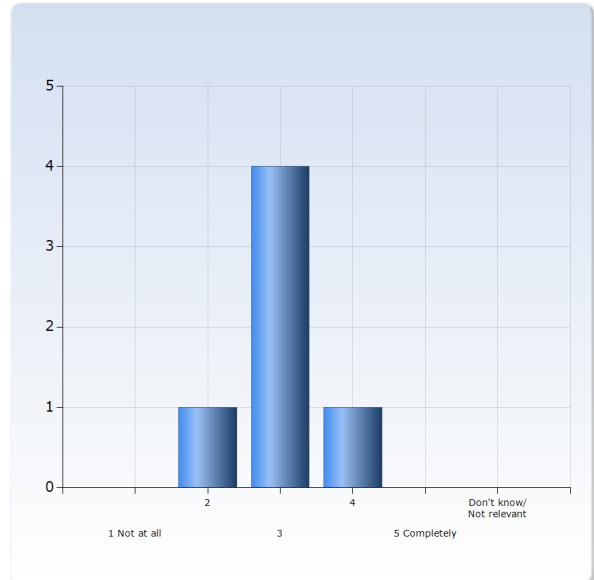
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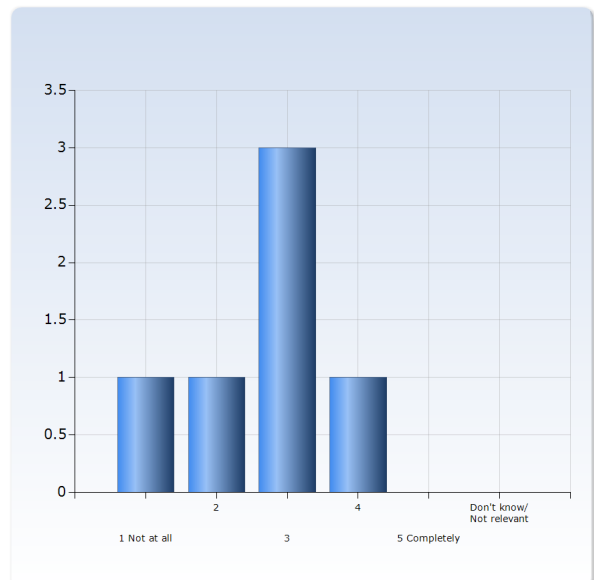
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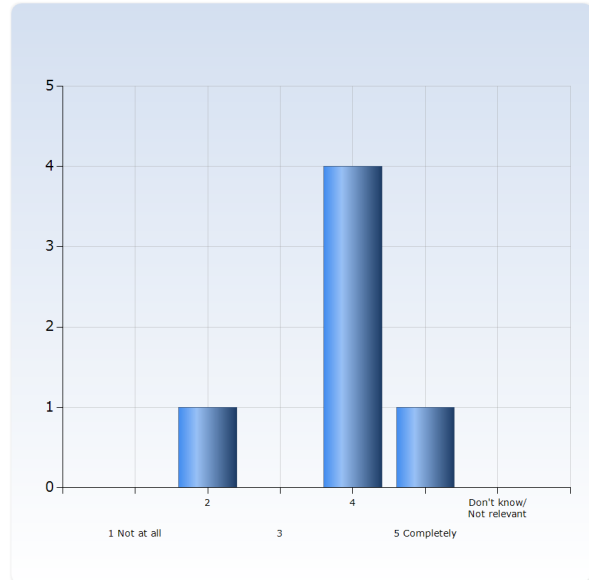
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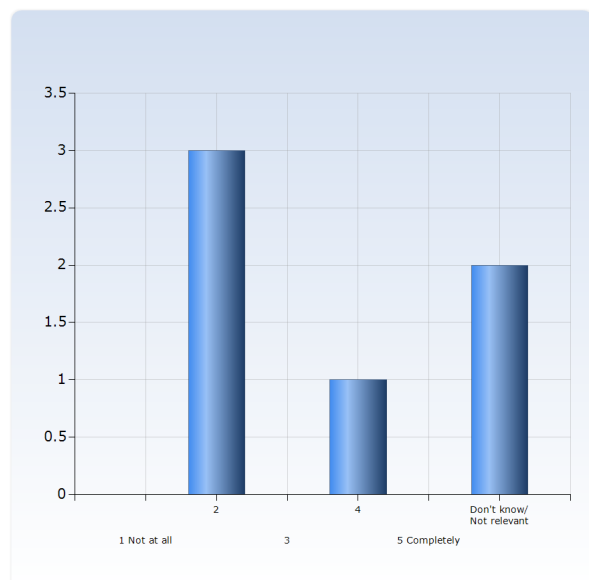
Comment on the aims

I think that the material given had the potential to meet my expectations, but the problem was that we were not expected to actually know the details and the more complicated things, so therefore the eventual outcomes of this course were quite marginal.

9. Good teaching

The course prerequisites were sufficient to follow the course

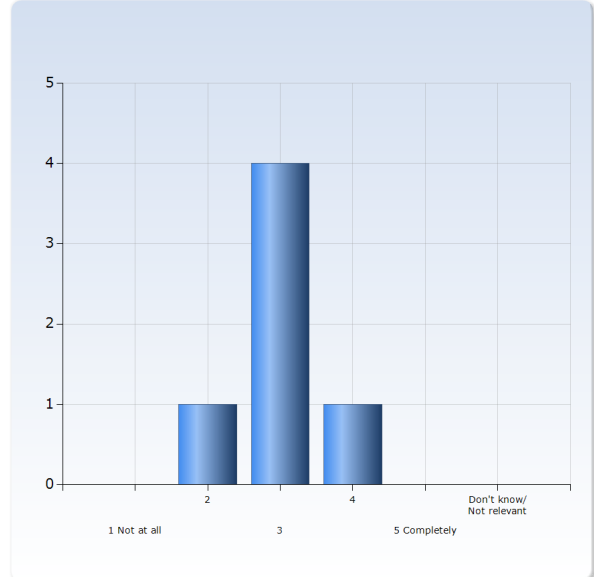
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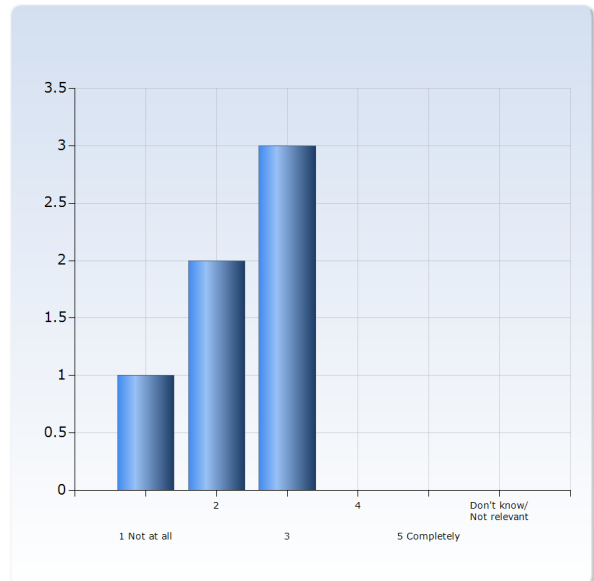
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I felt that the teachers have helped me to reach the learning outcomes

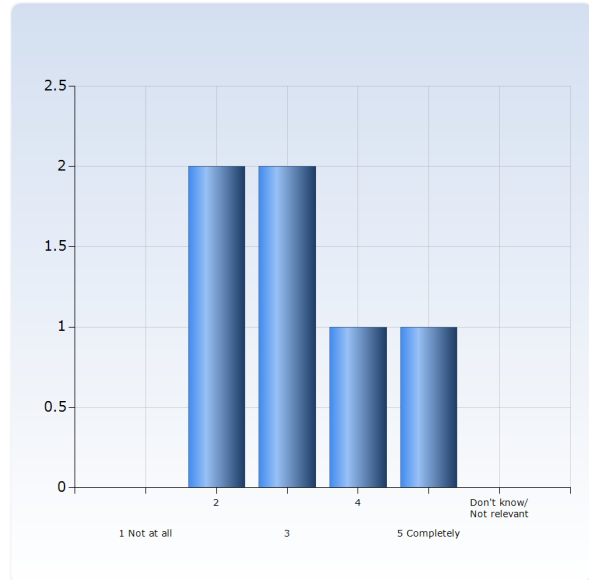
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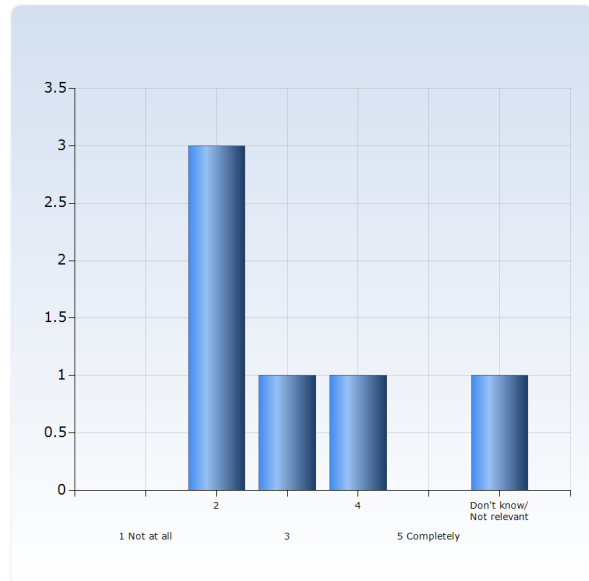
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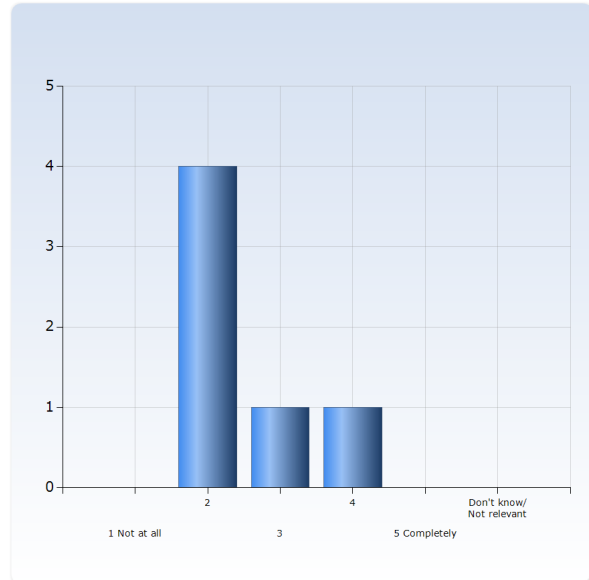
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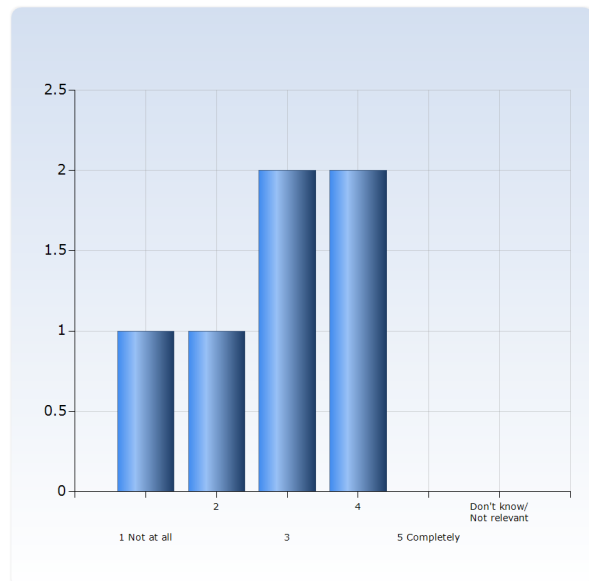
I was encouraged to reflect on my learning during the course

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

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Comment on the teaching

I do not like the concept of the exercise session where you are supposed to do the exercises and then if called go and do it on the board in front of everyone. When I heard that that was the concept of the exercises I decided not to go because I do not like that kind of pressure and it feels like going to the chopping block. It is a great way to scare away people to have those kind of sessions.

Vissa föreläsningar var det extremt mycket innehåll (tex den om Aerosols). Och det fanns inte tid att gå igenom allt så noggrant som man hade velat.

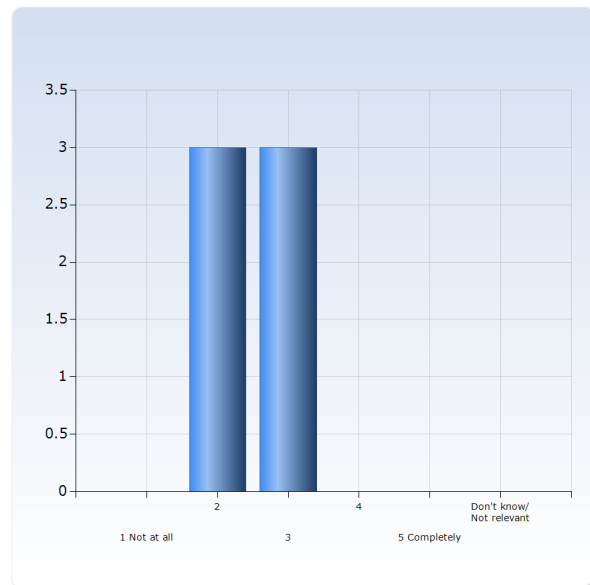
See above



10. Administration and study environment

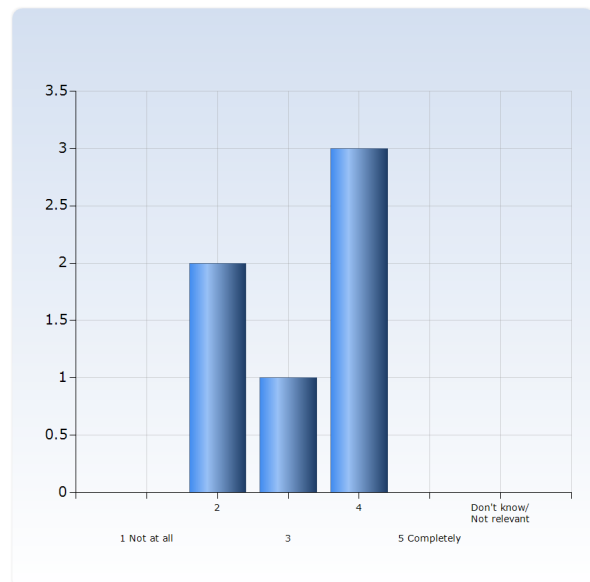
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I have been able to find the information I felt I needed before and during the course

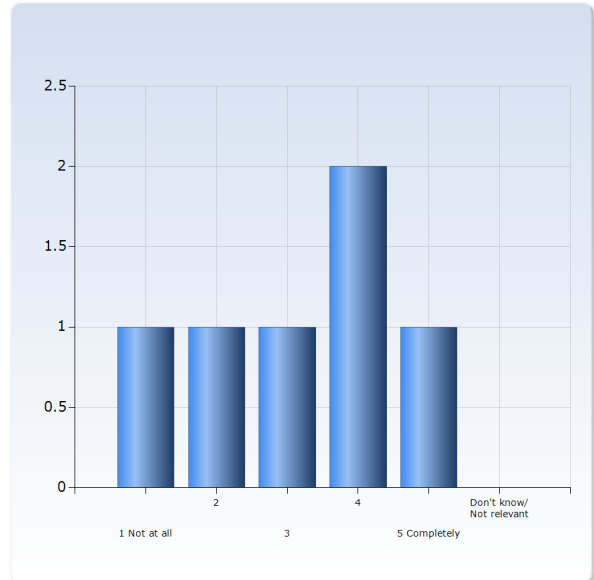
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Comment on the administration and study environment

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