

FYTA12 EM vt15

Antal respondenter: 13
Antal svar: 9
Svarsfrekvens: 69,23 %

General opinion

Give your opinion in the scale 1-5.

1 = very negative

2 = negative

3 = neutral

4 = positive

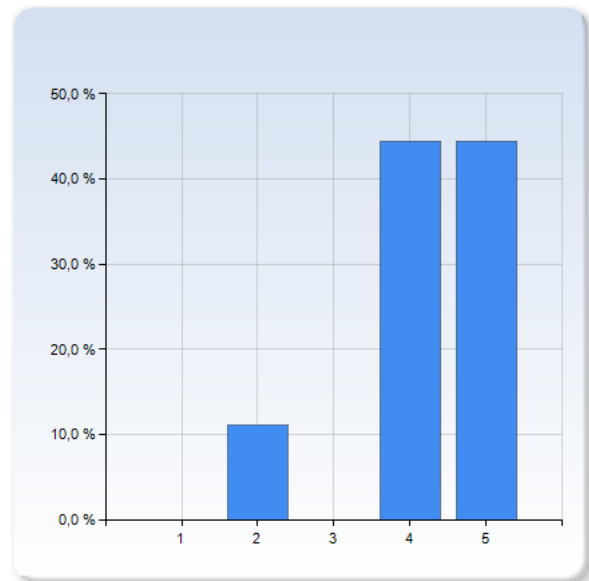
5 = very positive

The comment field in the end is very important! It will help us understand what is to be kept when the grade is good, and what to change when the grade is poor.

What is your general opinion of...

the course?

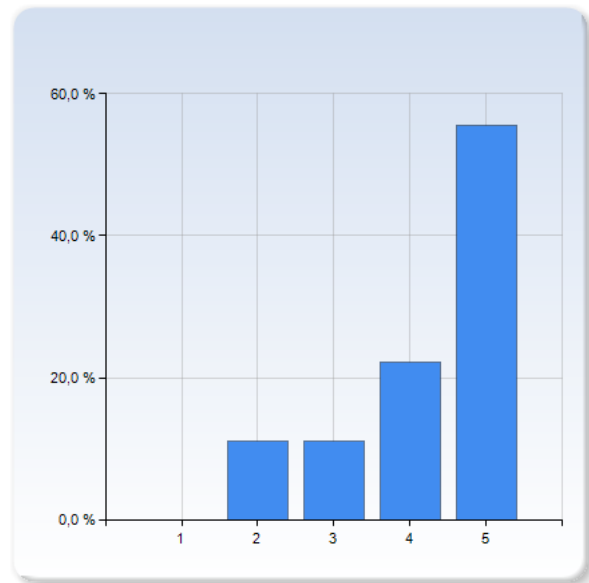
the course?	Antal svar
1	0 (0,0%)
2	1 (11,1%)
3	0 (0,0%)
4	4 (44,4%)
5	4 (44,4%)
Summa	9 (100,0%)



the course?	Medelvärde	Standardavvikelse
	4,2	1,0

"Introduction to Electrodynamics" by Griffiths?

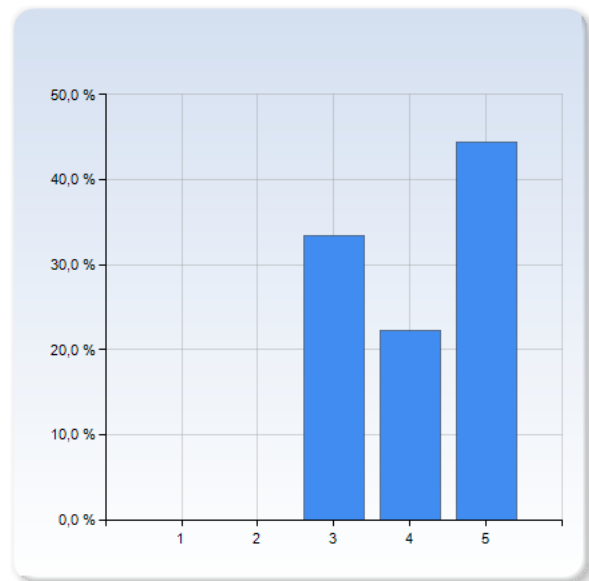
"Introduction to Electrodynamics" by Griffiths?	Antal svar
1	0 (0,0%)
2	1 (11,1%)
3	1 (11,1%)
4	2 (22,2%)
5	5 (55,6%)
Summa	9 (100,0%)



"Introduction to Electrodynamics" by Griffiths?	Medelvärde	Standardavvikelse
"Introduction to Electrodynamics" by Griffiths?	4,2	1,1

the information about the course when it started?

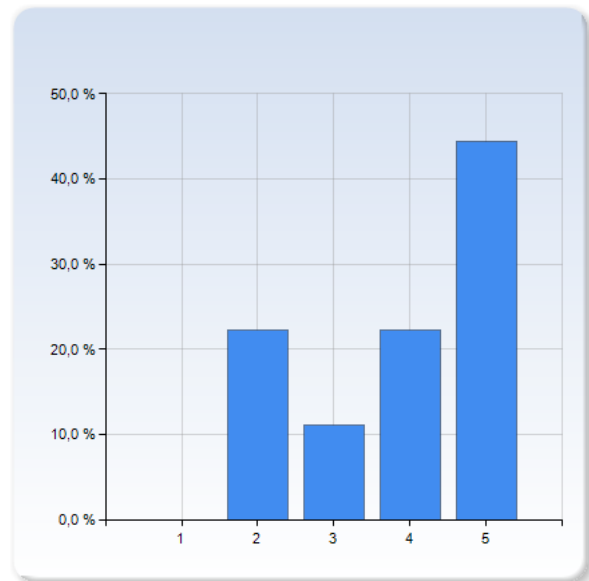
the information about the course when it started?	Antal svar
1	0 (0,0%)
2	0 (0,0%)
3	3 (33,3%)
4	2 (22,2%)
5	4 (44,4%)
Summa	9 (100,0%)



the information about the course when it started?	Medelvärde	Standardavvikelse
the information about the course when it started?	4,1	0,9

the information about what was expected of you?

the information about what was expected of you?	Antal svar
1	0 (0,0%)
2	2 (22,2%)
3	1 (11,1%)
4	2 (22,2%)
5	4 (44,4%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
the information about what was expected of you?	3,9	1,3

Comment (*help us interpret your grades!*)

The course wasn't any fun in my opinion.

This course was very good! The subject was dealt with in a way that made it interesting and the course literature was very good! It was easy to understand the physical meaning of it. The course however didn't seem as hard as it was. We were told it was hard but it was not until the last weeks that solving problems became hard!

It was pretty hard to look up / find a specific piece of information in the course literature.

Teaching

Give your opinion in the scale 1-5.

1 = very negative

2 = negative

3 = neutral

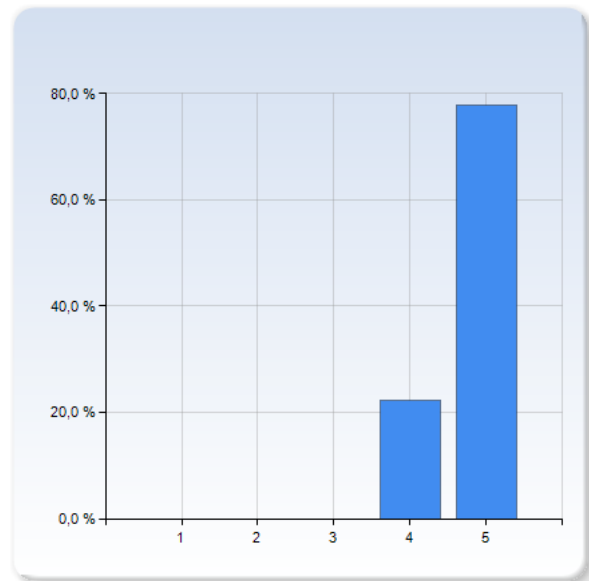
4 = positive

5 = very positive

What is your general opinion of...

the lectures with Johan Rathsmann?

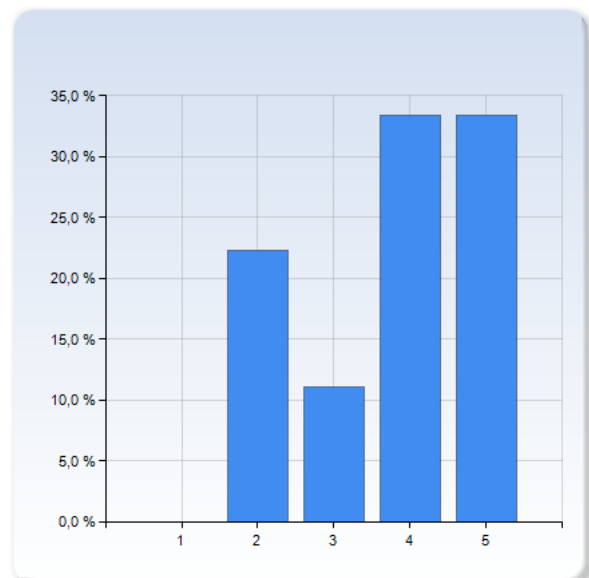
the lectures with Johan Rathsmann?	Antal svar
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	2 (22,2%)
5	7 (77,8%)
Summa	9 (100,0%)



the lectures with Johan Rathsmann?	Medelvärde	Standardavvikelse
	4,8	0,4

the format of the problem solving sessions?

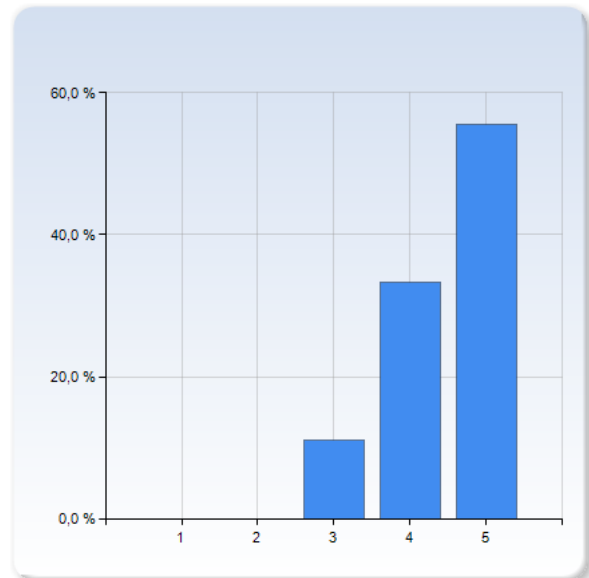
the format of the problem solving sessions?	Antal svar
1	0 (0,0%)
2	2 (22,2%)
3	1 (11,1%)
4	3 (33,3%)
5	3 (33,3%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
the format of the problem solving sessions?	3,8	1,2

the exercises at the problem solving sessions?

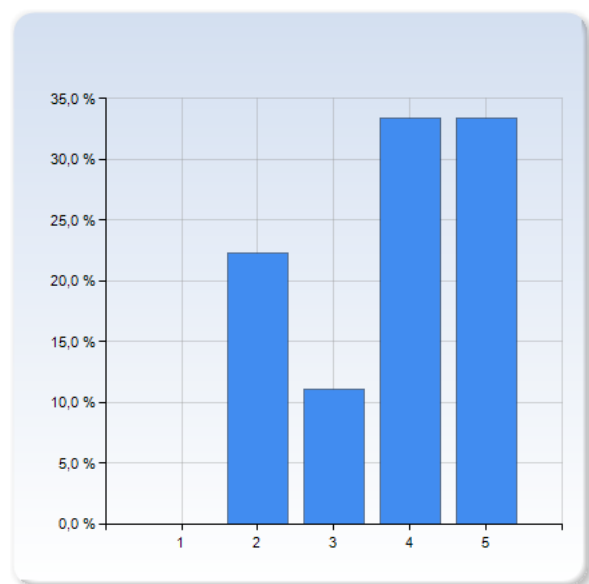
the exercises at the problem solving sessions?	Antal svar
1	0 (0,0%)
2	0 (0,0%)
3	1 (11,1%)
4	3 (33,3%)
5	5 (55,6%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
the exercises at the problem solving sessions?	4,4	0,7

the balance between lectures and problem-solving sessions?

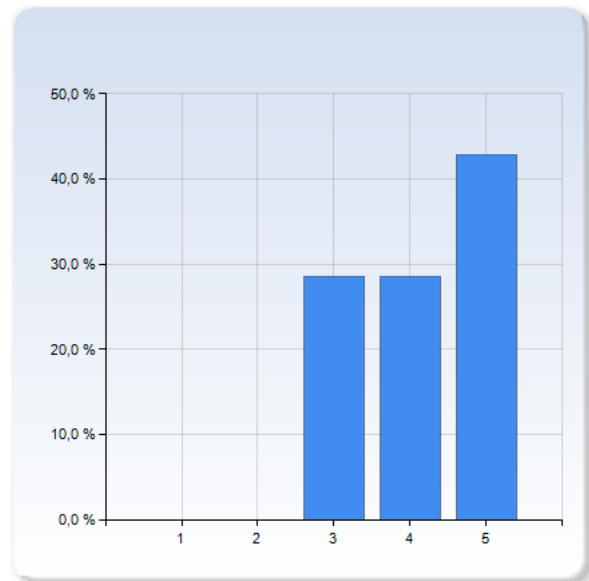
the balance between lectures and problem-solving sessions?	Antal svar
1	0 (0,0%)
2	2 (22,2%)
3	1 (11,1%)
4	3 (33,3%)
5	3 (33,3%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
the balance between lectures and problem-solving sessions?	3,8	1,2

the SI-sessions

the SI-sessions	Antal svar
1	0 (0,0%)
2	0 (0,0%)
3	2 (28,6%)
4	2 (28,6%)
5	3 (42,9%)
Summa	7 (100,0%)



the SI-sessions	Medelvärde	Standardavvikelse
	4,1	0,9

Comment (*help us interpret your grades!*)

The only complaint I can raise about the problem solving sessions is that we almost always went over time. Also, when all students are trying to finish as many exercises as possible, the result of the presentations of particular exercises will almost always be bad.

I think that a lot more exercises sessions would be nice!

The tempo in the lectures was often too low.

Johan has good structure on his lectures and it is easy to follow. The problem solving sessions is good when solving exercises. The part where we present the exercises is not to good though. It is good in the way that we practise how to make a presentation but as a listener you dont learn much. It takes to much time as well. It would be better to give more time for solving exercises then have Johan present the exercises. To practise the presentation part i would probably be better to have a bigger presentation you could have a day to prepare for.

Examination

Give your opinion in the scale 1-5.

1 = very negative

2 = negative

3 = neutral

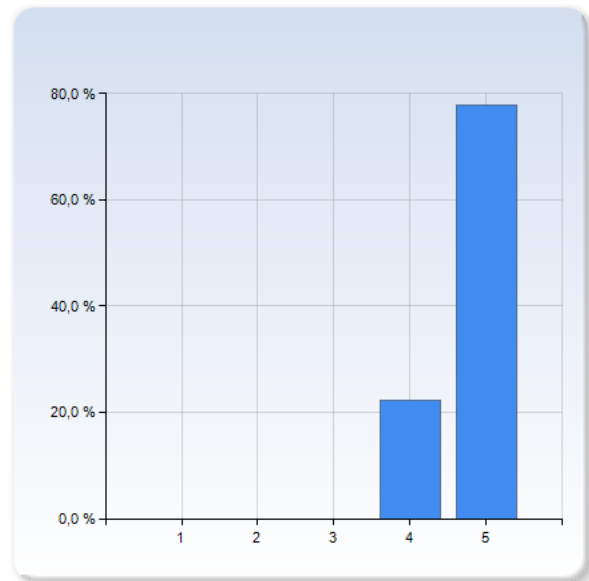
4 = positive

5 = very positive

What is your general opinion of...

the hand-in exercises?

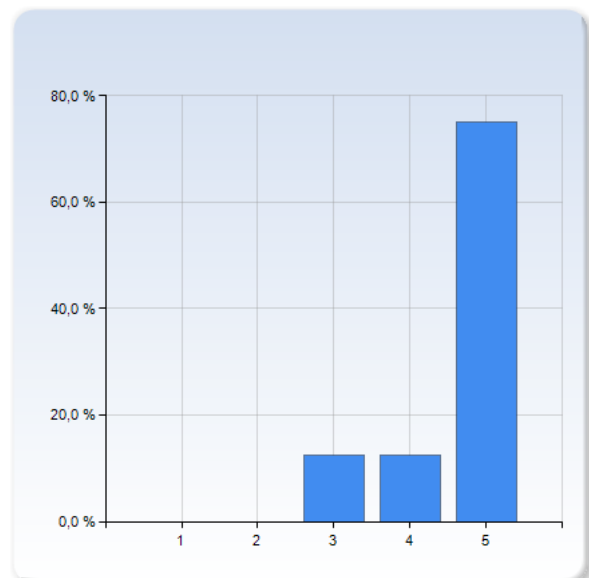
the hand-in exercises?	Antal svar
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	2 (22,2%)
5	7 (77,8%)
Summa	9 (100,0%)



the hand-in exercises?	Medelvärde	Standardavvikelse
	4,8	0,4

the bonus-system?

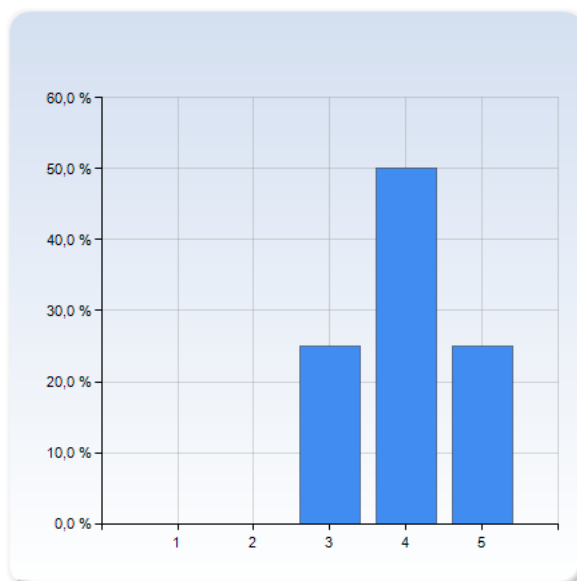
the bonus-system?	Antal svar
1	0 (0,0%)
2	0 (0,0%)
3	1 (12,5%)
4	1 (12,5%)
5	6 (75,0%)
Summa	8 (100,0%)



	Medelvärde	Standardavvikelse
the bonus-system?	4,6	0,7

the written exam?

the written exam?	Antal svar
1	0 (0,0%)
2	0 (0,0%)
3	2 (25,0%)
4	4 (50,0%)
5	2 (25,0%)
Summa	8 (100,0%)



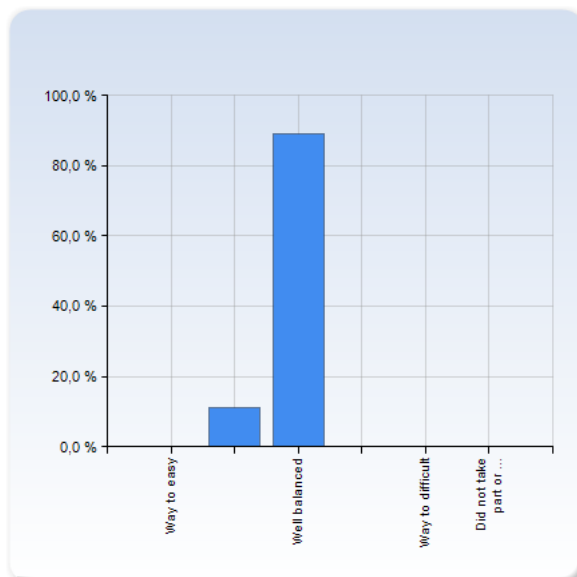
	Medelvärde	Standardavvikelse
the written exam?	4,0	0,8

Level of difficulty

Please rate your perception of the level of difficulty on the different elements of the course

The lectures

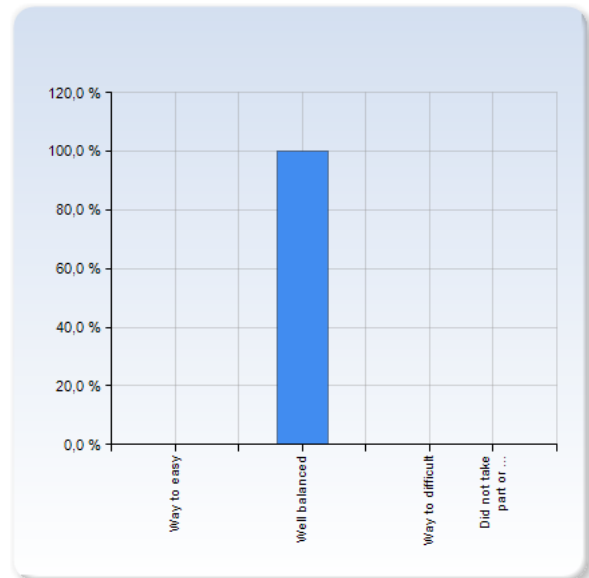
The lectures	Antal svar
Way to easy	0 (0,0%)
	1 (11,1%)
Well balanced	8 (88,9%)
	0 (0,0%)
Way to difficult	0 (0,0%)
Did not take part or no opinion	0 (0,0%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
The lectures	2,9	0,3

The course literature

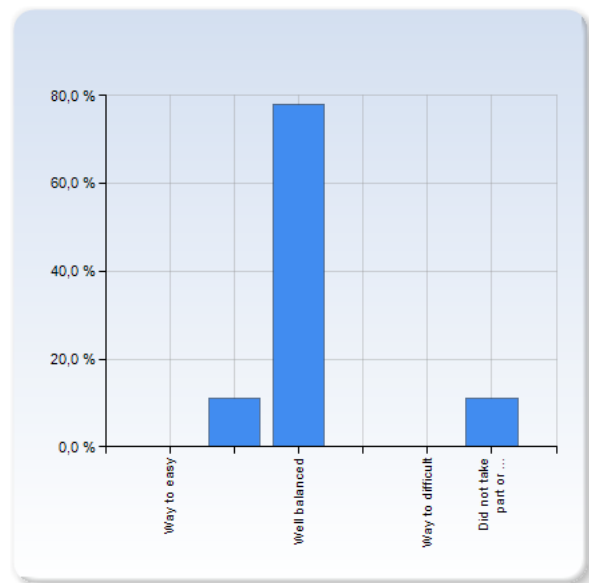
The course literature	Antal svar
Way to easy	0 (0,0%)
Well balanced	9 (100,0%)
Way to difficult	0 (0,0%)
Did not take part or no opinion	0 (0,0%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
The course literature	3,0	0,0

The problems on the problems solving sessions

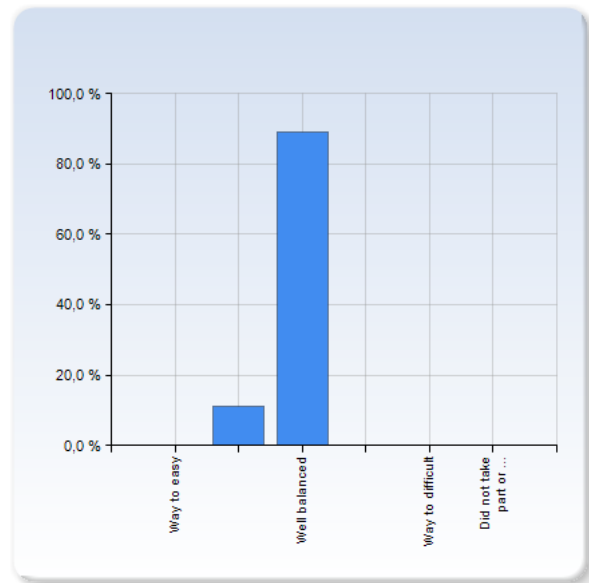
The problems on the problems solving sessions	Antal svar
Way to easy	0 (0,0%)
Well balanced	7 (77,8%)
Way to difficult	0 (0,0%)
Did not take part or no opinion	1 (11,1%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
The problems on the problems solving sessions	3,2	1,1

The mandatory hand-in exercises

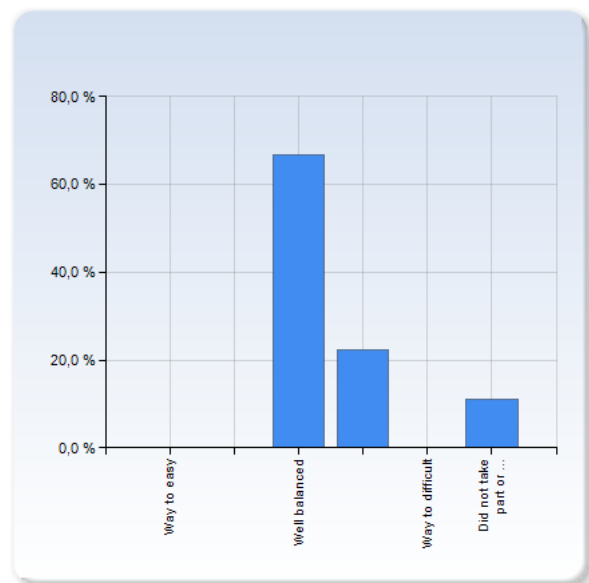
The mandatory hand-in exercises	Antal svar
Way to easy	0 (0,0%)
	1 (11,1%)
Well balanced	8 (88,9%)
	0 (0,0%)
Way to difficult	0 (0,0%)
Did not take part or no opinion	0 (0,0%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
The mandatory hand-in exercises	2,9	0,3

The written exam

The written exam	Antal svar
Way to easy	0 (0,0%)
	0 (0,0%)
Well balanced	6 (66,7%)
	2 (22,2%)
Way to difficult	0 (0,0%)
Did not take part or no opinion	1 (11,1%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
The written exam	3,6	1,0

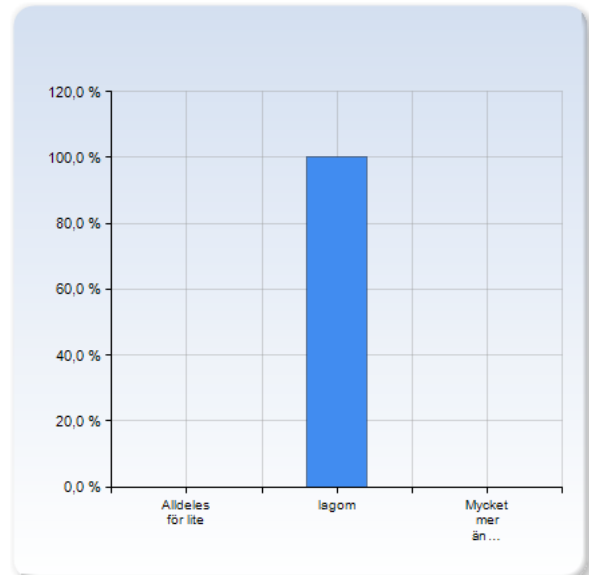
The focus of the course

Below are learning goals from the course plan. Mark how much focus these goals got during the course, compared to what you feel would be needed.

After completion of the course, the student...

can apply Maxwell's equations in both microscopic as well as macroscopic formulation to deduce the field around simple, symmetric and static charge and current distributions.

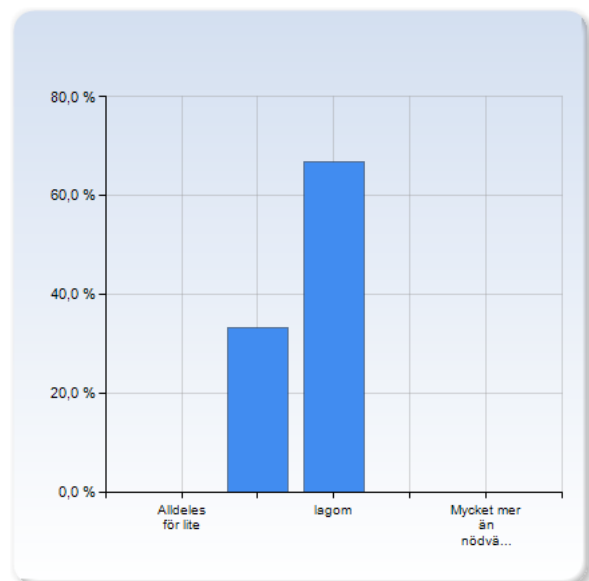
can apply Maxwell's equations in both microscopic as well as macroscopic formulation to deduce the field around simple, symmetric and static charge and current distributions.	Antal svar
Alldeles för lite	0 (0,0%)
	9 (100,0%)
lagom	0 (0,0%)
Mycket mer än nödvändigt	0 (0,0%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
can apply Maxwell's equations in both microscopic as well as macroscopic formulation to deduce the field around simple, symmetric and static charge and current distributions.	3,0	0,0

can analyse energy transport in different radiation phenomena both in vacuum and in linear media

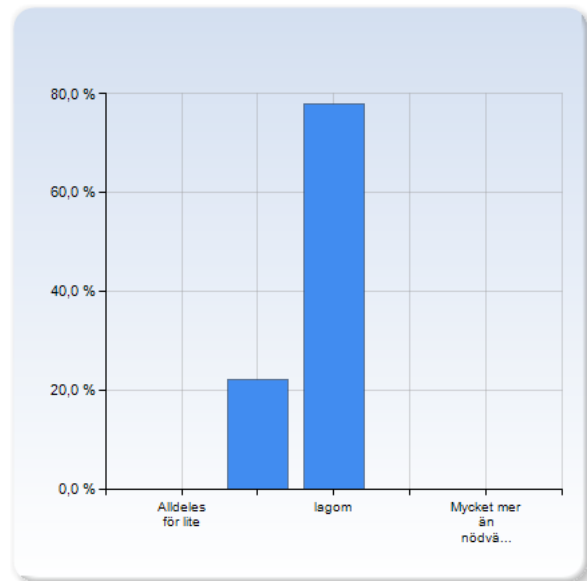
can analyse energy transport in different radiation phenomena both in vacuum and in linear media	Antal svar
Alldeles för lite	0 (0,0%)
	3 (33,3%)
lagom	6 (66,7%)
Mycket mer än nödvändigt	0 (0,0%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
can analyse energy transport in different radiation phenomena both in vacuum and in linear media	2,7	0,5

can deal with foundational concepts such as the vector potential and gauge choice

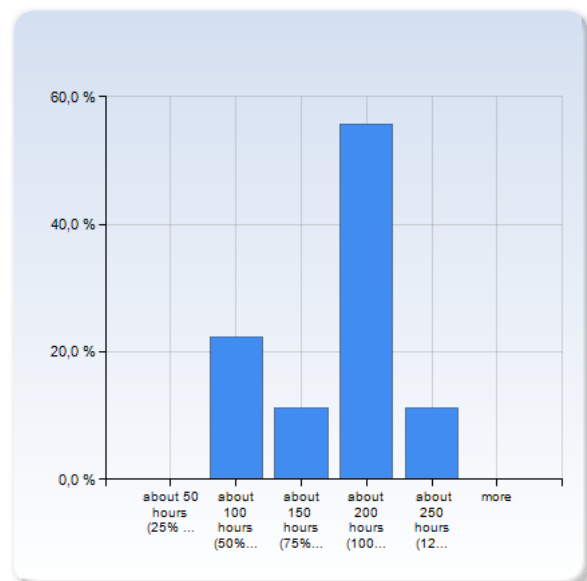
can deal with foundational concepts such as the vector potential and gauge choice	Antal svar
Alldeles för lite	0 (0,0%)
	2 (22,2%)
	7 (77,8%)
lagom	0 (0,0%)
Mycket mer än nödvändigt	0 (0,0%)
Summa	9 (100,0%)



can deal with foundational concepts such as the vector potential and gauge choice	Medelvärde	Standardavvikelse
	2,8	0,4

How much time have you spent on the course? (In total you are supposed to spend about 200 hours or 25 work-days on a 7.5 hp course)

How much time have you spent on the course? (In total you are supposed to spend about 200 hours or 25 work-days on a 7.5 hp course)	Antal svar
about 50 hours (25% of allotted time)	0 (0,0%)
about 100 hours (50% of allotted time)	2 (22,2%)
about 150 hours (75% of allotted time)	1 (11,1%)
about 200 hours (100% of allotted time)	5 (55,6%)
about 250 hours (125% of allotted time)	1 (11,1%)
more	0 (0,0%)
Summa	9 (100,0%)



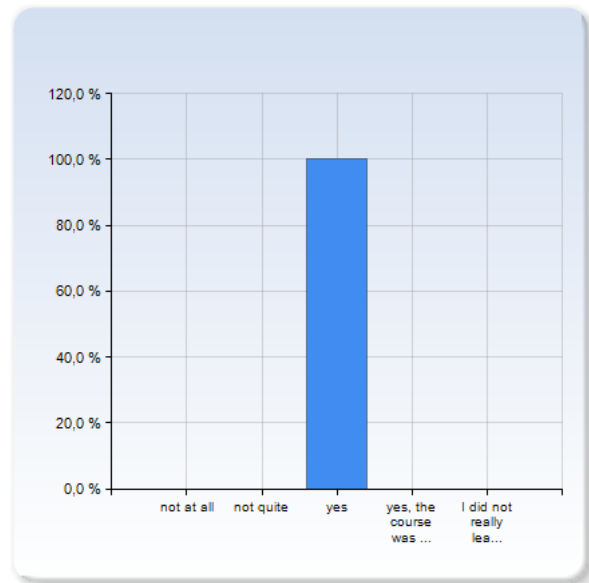
How much time have you spent on the course? (In total you are supposed to spend about 200 hours or 25 work-days on a 7.5 hp course)	Medelvärde	Standardavvikelse
	3,6	1,0

Comment

It was hard to find the time to study for this course due to another course (Kvantmekanik). In retrospect it would have been better to focus more on this course and not so much on the other one.

Did you have enough prior knowledge for this course?

Did you have enough prior knowledge for this course?	Antal svar
not at all	0 (0,0%)
not quite	0 (0,0%)
yes	9 (100,0%)
yes, the course was a bit easy	0 (0,0%)
I did not really learn anything new	0 (0,0%)
Summa	9 (100,0%)



	Medelvärde	Standardavvikelse
Did you have enough prior knowledge for this course?	3,0	0,0

What did you particularly like with the course?

What did you particularly like with the course?

Johan is an excellent teacher and very good at answering questions.

Johan Rathsmann was methodic and did explain good during the lectures. For me personally he could have held a somewhat higher pace.

The dynamism of the lecturer, his patience...

The bonus system and problem solving sessions.

The lectures where structured and the course literature was very good!

The lecturer was very organized and methodical.

What in the course do you think could improve?

What in the course do you think could improve?

The amount of exercises.

More focus on the potential formalism because I think that was the most interesting part.

More tutored sessions. In my opinion this course was very heavy and time should be scheduled accordingly.

The problem solving sessions.

I think you should introduce problems similar to those on the exam earlier.

Other comments (both positive and negative) on the course?