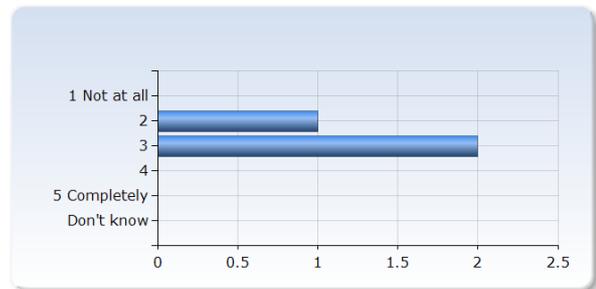


FK5029 - Interaction of Ionizing Radiation with Matter - VT2018

Respondents: 7
Answer Count: 3
Answer Frequency: 42.86 %

5. Overall impression

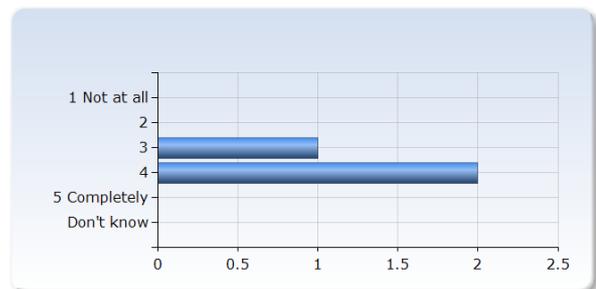
| Overall I am satisfied with this course | Number of Responses |
|---|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 1 (33.3%) |
| 3 | 2 (66.7%) |
| 4 | 0 (0.0%) |
| 5 Completely | 0 (0.0%) |
| Don't know | 0 (0.0%) |
| Total | 3 (100.0%) |



6. Student contribution

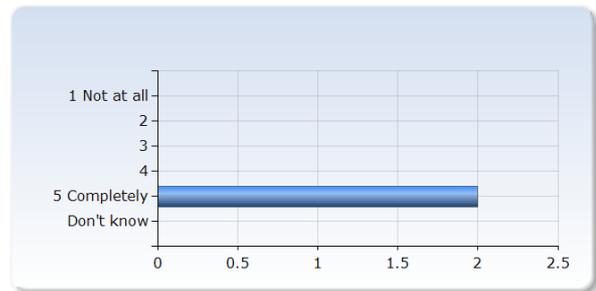
I am satisfied with my own effort in the course

| I am satisfied with my own effort in the course | Number of Responses |
|---|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 0 (0.0%) |
| 3 | 1 (33.3%) |
| 4 | 2 (66.7%) |
| 5 Completely | 0 (0.0%) |
| Don't know | 0 (0.0%) |
| Total | 3 (100.0%) |



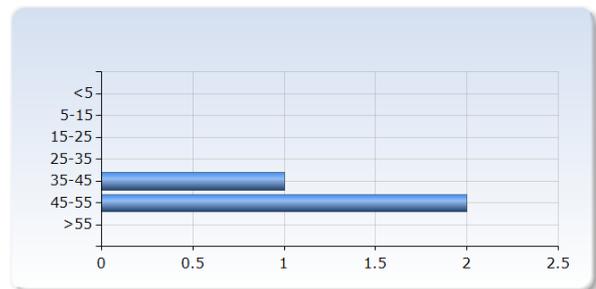
I took responsibility for my own learning in the course

| 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 | 0 (0.0%) |
| 4 | 0 (0.0%) |
| 5 Completely | 2 (100.0%) |
| Don't know | 0 (0.0%) |
| Total | 2 (100.0%) |



7. Work load

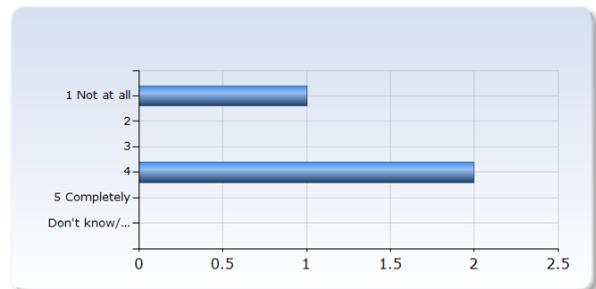
| Indicate how many hours per week on average you have spent on the course, including self-studies and scheduled study time | Number of Responses |
|---|---------------------|
| <5 | 0 (0.0%) |
| 5-15 | 0 (0.0%) |
| 15-25 | 0 (0.0%) |
| 25-35 | 0 (0.0%) |
| 35-45 | 1 (33.3%) |
| 45-55 | 2 (66.7%) |
| >55 | 0 (0.0%) |
| Total | 3 (100.0%) |



8. Clear aims

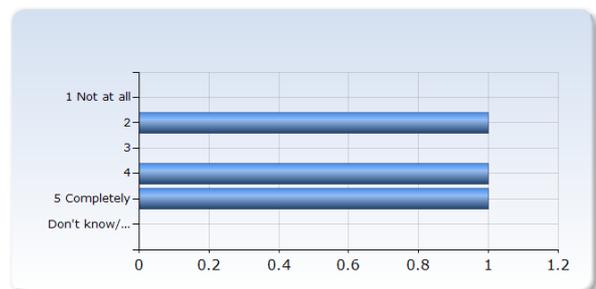
It was clear to me what I was expected to learn

| It was clear to me what I was expected to learn | Number of Responses |
|---|---------------------|
| 1 Not at all | 1 (33.3%) |
| 2 | 0 (0.0%) |
| 3 | 0 (0.0%) |
| 4 | 2 (66.7%) |
| 5 Completely | 0 (0.0%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (100.0%) |



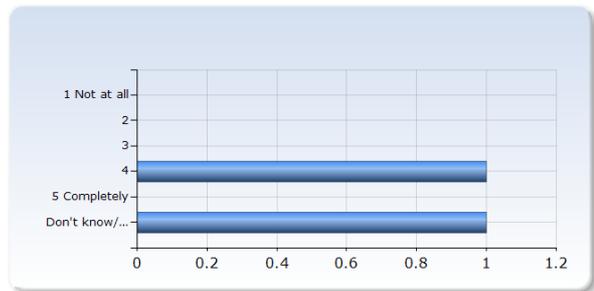
I felt that the course content and teaching methods were relevant to the learning outcomes

| 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 | 1 (33.3%) |
| 3 | 0 (0.0%) |
| 4 | 1 (33.3%) |
| 5 Completely | 1 (33.3%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (100.0%) |



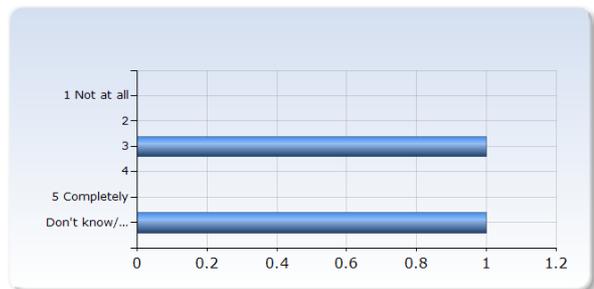
The examination tested how well I had achieved the learning outcomes

| The examination tested how well I had achieved the learning outcomes | Number of Responses |
|--|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 0 (0.0%) |
| 3 | 0 (0.0%) |
| 4 | 1 (50.0%) |
| 5 Completely | 0 (0.0%) |
| Don't know/ Not relevant | 1 (50.0%) |
| Total | 2 (100.0%) |



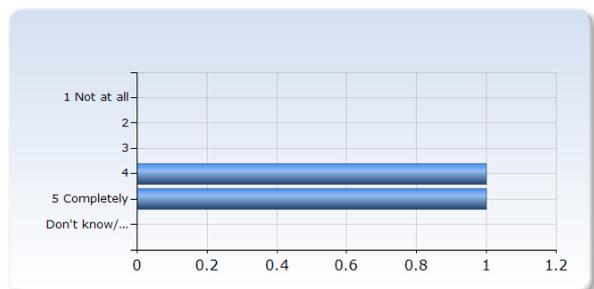
The course corresponded to my expectations

| The course corresponded to my expectations | Number of Responses |
|--|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 0 (0.0%) |
| 3 | 1 (50.0%) |
| 4 | 0 (0.0%) |
| 5 Completely | 0 (0.0%) |
| Don't know/ Not relevant | 1 (50.0%) |
| Total | 2 (100.0%) |



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

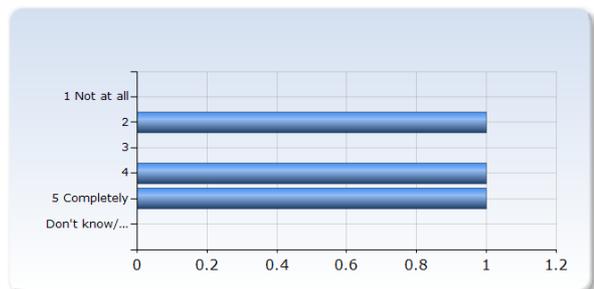
| I feel that I will have use of what I have learnt after my studies | Number of Responses |
|--|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 0 (0.0%) |
| 3 | 0 (0.0%) |
| 4 | 1 (50.0%) |
| 5 Completely | 1 (50.0%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 2 (100.0%) |



9. Good teaching

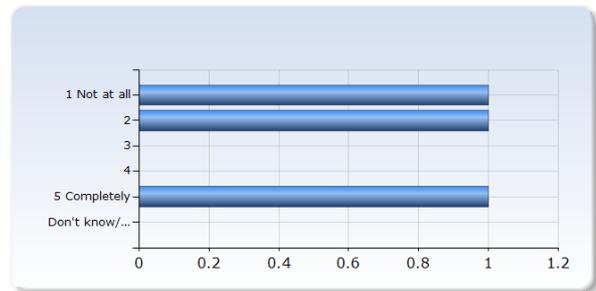
The course prerequisites were sufficient to follow the course

| The course prerequisites were sufficient to follow the course | Number of Responses |
|---|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 1 (33.3%) |
| 3 | 0 (0.0%) |
| 4 | 1 (33.3%) |
| 5 Completely | 1 (33.3%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (100.0%) |



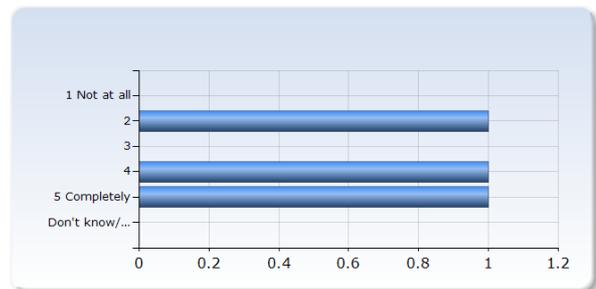
I felt that the course was well structured

| I felt that the course was well structured | Number of Responses |
|--|---------------------|
| 1 Not at all | 1 (33.3%) |
| 2 | 1 (33.3%) |
| 3 | 0 (0.0%) |
| 4 | 0 (0.0%) |
| 5 Completely | 1 (33.3%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (100.0%) |



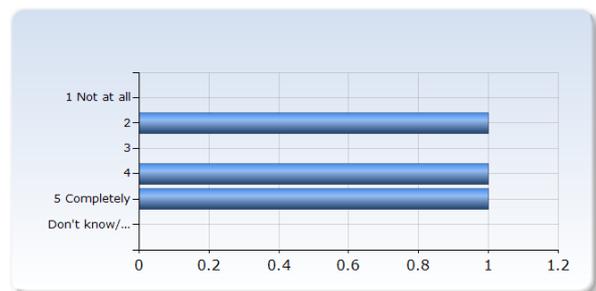
I felt that the teachers have helped me to reach the learning outcomes

| I felt that the teachers have helped me to reach the learning outcomes | Number of Responses |
|--|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 1 (33.3%) |
| 3 | 0 (0.0%) |
| 4 | 1 (33.3%) |
| 5 Completely | 1 (33.3%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (100.0%) |



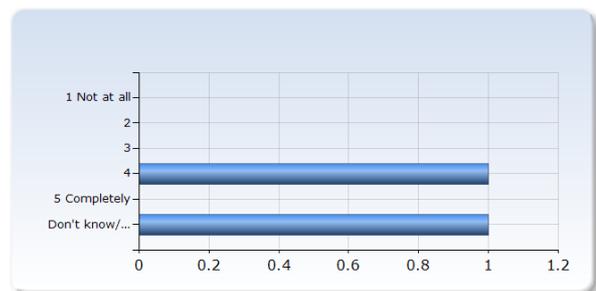
I could understand what was being taught

| I could understand what was being taught | Number of Responses |
|--|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 1 (33.3%) |
| 3 | 0 (0.0%) |
| 4 | 1 (33.3%) |
| 5 Completely | 1 (33.3%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (100.0%) |



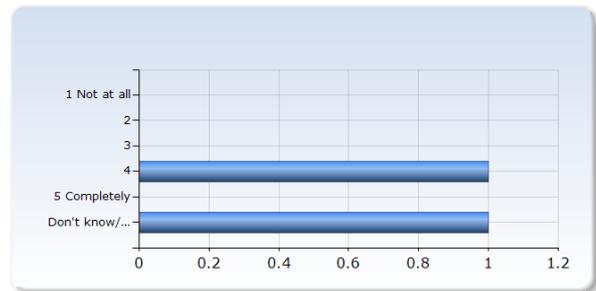
I have received constructive feedback on my performance

| I have received constructive feedback on my performance | Number of Responses |
|---|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 0 (0.0%) |
| 3 | 0 (0.0%) |
| 4 | 1 (50.0%) |
| 5 Completely | 0 (0.0%) |
| Don't know/ Not relevant | 1 (50.0%) |
| Total | 2 (100.0%) |



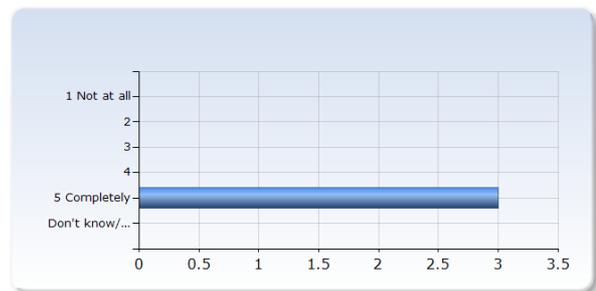
I was encouraged to reflect on my learning during the course

| 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 | 0 (0.0%) |
| 4 | 1 (50.0%) |
| 5 Completely | 0 (0.0%) |
| Don't know/ Not relevant | 1 (50.0%) |
| Total | 2 (100.0%) |



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

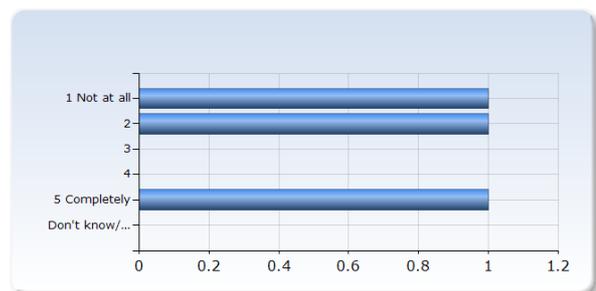
| The course material helped me in my work to achieve the learning outcomes (literature, e-resources etc.) | Number of Responses |
|--|---------------------|
| 1 Not at all | 0 (0.0%) |
| 2 | 0 (0.0%) |
| 3 | 0 (0.0%) |
| 4 | 0 (0.0%) |
| 5 Completely | 3 (100.0%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (100.0%) |



10. Administration and study environment

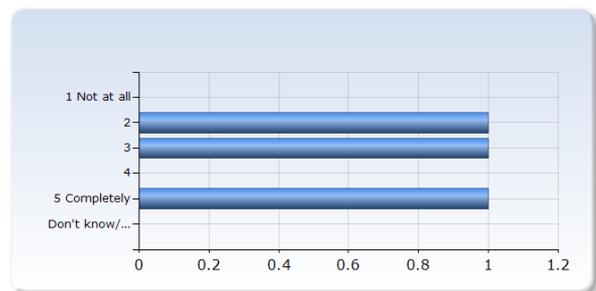
I felt that the course was well organized

| I felt that the course was well organized | Number of Responses |
|---|---------------------|
| 1 Not at all | 1 (33.3%) |
| 2 | 1 (33.3%) |
| 3 | 0 (0.0%) |
| 4 | 0 (0.0%) |
| 5 Completely | 1 (33.3%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (100.0%) |



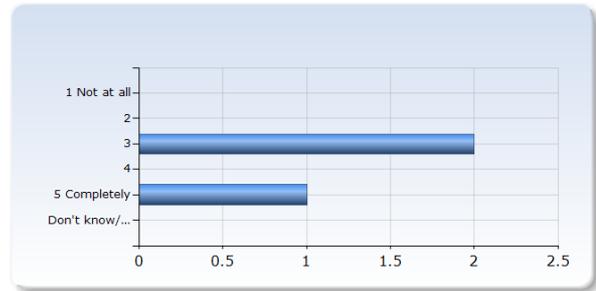
I have been able to find the information I felt I needed before and during the course

| 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 | 1 (33.3%) |
| 3 | 1 (33.3%) |
| 4 | 0 (0.0%) |
| 5 Completely | 1 (33.3%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (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 | 2 (66.7%) |
| 4 | 0 (0.0%) |
| 5 Completely | 1 (33.3%) |
| Don't know/ Not relevant | 0 (0.0%) |
| Total | 3 (100.0%) |



Reflektion FK5029 Joniserande strålnings växelverkan med materia, 9 hp

This course is one of the first courses given in the medical physicist specialization program. Before attending this course the students have typically studied physics and mathematics for slightly more than four semesters. On this course, the students are attending lectures and calculation exercises at Karolinska hospital, in the department of medical radiation physics. The laboratory exercises are held in the student laboratory at Albanova. This year, 16 students were registered for the course. Ten students answered the course evaluation form.

The education in this course is divided in 16 lectures, five calculation exercises, three seminars and four laborations. The lectures are of the traditional type, quite strongly connected to the course book, *Interaction Physics for Medical Physicists* written by Erwin Podgorsak. This is a book issued in a relatively small series, but it is adapted for this particular group of students. It has been used as a course book for many years already

On the calculation exercises we solve tasks which the students can try to answer by themselves first. On the seminars the students are supposed to present the solution to a task orally in front of the other students in an attempt to improve the presentation skills. The seminars are mandatory and in order to be approved on the course the students must be approved not only on the exam, but also on all seminar presentations and laborations. The students have access to the course material through the Mondo system. Power-point presentations are prepared for each lecture. The students also have deadlines for the laborations set by the common Fysikum laboratory rules.

My impression is that the course contents and level were well adapted for this group of students. I intend to keep the students active as much as possible and I encourage them to solve exercises rather than dedicate themselves to passive reading.

Feedback on the students' comments

1. What was the best with the course?

Based on the comments and degrees, it seems that the students liked the course contents and the course material. They write that the contents are very relevant for this education.

2. Which improvements do you suggest?

It seems as if several students think that there are too many laboration reports to write for this course. This is something that we have heard before and which we have discussed with the Program Responsible and with the Director of Studies. In these discussions we have reached the conclusion that even though there is a lot of work connected to the laboratory work, it is still worth the effort. The knowledge acquired during the laboratory work is considered to be very important for the future work as Medical Physicist. The scheduling of the course could also be improved according to the students.

3. Which advice would you like to give to future students on this course?

The students recommend to start directly with the laborations which I also would. They also encourage asking more questions to the teachers which I think is good.

4. Other comments

One student suggests making the course longer to allow the students to digest the theory part better.

5. Overall impression

It seems that the average degree is 3 of maximum 5 which is an acceptable result even if we always struggle to reach the degree 5 in each course.

6. The effort made by the student

Most students seem satisfied with their own effort. I have no comment on this.

7. Work load

It seems as if most of the students spent more than 45 hours/week on this course which seems a lot. I will discuss this matter with the Program Responsible and Director of Studies.

8. Well-defined course objectives

Here, there is a large spread which makes it hard to interpret the feedback.

9. Good education

The degree is overall good on this point.

10. Administration and study environment

Here, there is a large spread which makes it hard to interpret the feedback.

11. Equal treatment

No discrimination reported

12. Course lectures

Half of the students give the lectures the degree good which I am pleased to read. Some students think that they are a bit too long.

13. Calculation exercises

The calculation exercises seem to have been well received.

14. Laborations

There are quite varying answers on this question which makes it hard to conclude much. They spent a lot of time on this part. Some students write that they learned a lot on them while others did not. There is a question about updating the laboratory instructions which I will forward to the supervisors.