

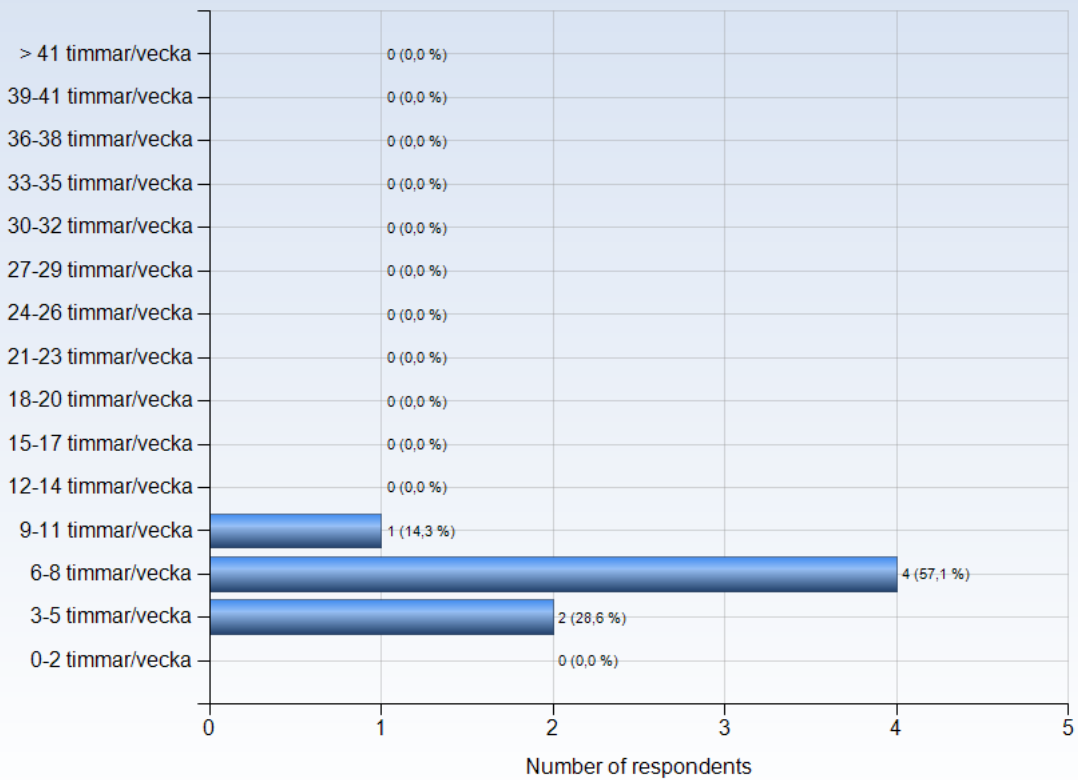


DD1324 - 2018-11-26

Antal respondenter: 10
Antal svar: 7
Svarsfrekvens: 70,00 %

ESTIMATED WORKLOAD

On average, how many hours/week did you work with the course (including scheduled hours)?



Comments

Comments (I worked: 3-5 timmar/vecka)

Mostly of the time I spent on the course was during the exercises.

Very good that you are given opportunity to finish all the assignments in class.

Comments (I worked: 6-8 timmar/vecka)

Kursen var väldokumenterade, om man är fokuserad så krävs det 6 till 8 timmar i veckan.

Comments (I worked: 9-11 timmar/vecka)

It was a little bit too intense having the labs as often as we did, especially considering that the course is supposed to end in January and not in December.



LEARNING EXPERIENCE

The polar diagrams below show the average response to the LEQ statements for different groups of respondents (only valid responses are included). The scale that is used in the diagrams is defined by:

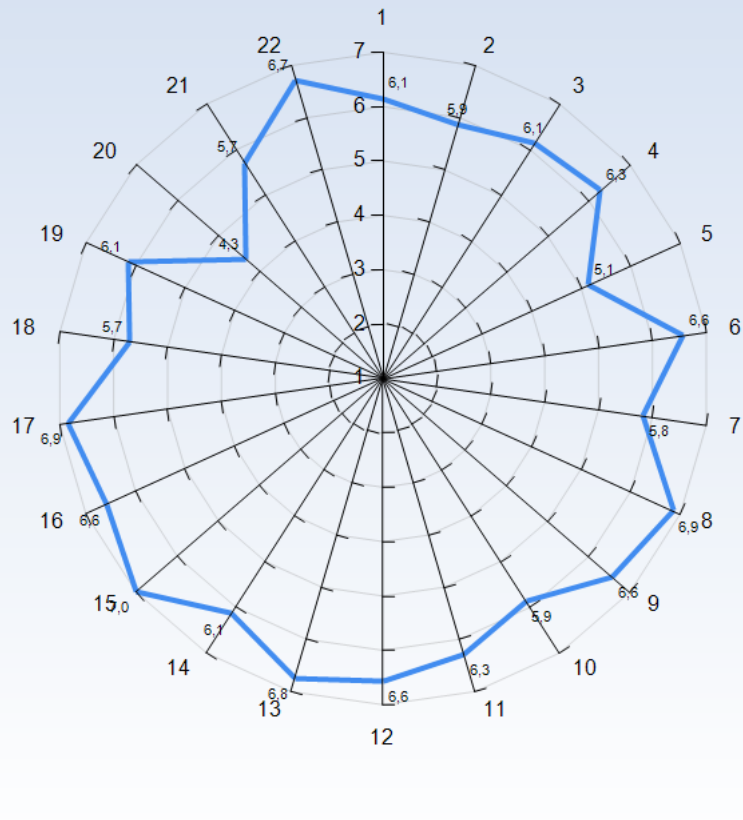
1 = No, I strongly disagree with the statement

4 = I am neutral to the statement

7 = Yes, I strongly agree with the statement

Note! A group has to include at least 3 respondents in order to appear in a diagram.

Average response to LEQ statements - all respondents





KTH Learning Experience Questionnaire v3.1.4

Meaningfulness - emotional level

Stimulating tasks

1. I worked with interesting issues (a)

Exploration and own experience

2. I explored parts of the subject on my own (a)

3. I was able to learn by trying out my own ideas (b)

Challenge

4. The course was challenging in a stimulating way (c)

Belonging

5. I felt togetherness with others on the course (d)

6. The atmosphere on the course was open and inclusive (d)

Comprehensibility - cognitive level

Clear goals and organization

7. The intended learning outcomes helped me to understand what I was expected to achieve (e)

8. The course was organized in a way that supported my learning (e)

Understanding of subject matter

9. I understood what the teachers were talking about (f)

10. I was able to learn from concrete examples that I could relate to (g)

11. Understanding of key concepts had high priority (h)



Constructive alignment

- 12. The course activities helped me to achieve the intended learning outcomes efficiently (i)
- 13. I understood what I was expected to learn in order to obtain a certain grade (i)

Feedback and security

- 14. I received regular feedback that helped me to see my progress (j)
- 15. I could practice and receive feedback without being graded (j)
- 16. The assessment on the course was fair and honest (k)

Manageability - instrumental level

Sufficient background knowledge

- 17. My background knowledge was sufficient to follow the course (f)

Time to reflect

- 18. I regularly spent time to reflect on what I learned (l)

Variation and participation

- 19. The course activities enabled me to learn in different ways (m)
- 20. I had opportunities to influence the course activities (m)

Collaboration

- 21. I was able to learn by collaborating and discussing with others (n)

Support

- 22. I was able to get support if I needed it (c)



Learning factors from the literature that LEQ intends to examine

We tend to learn most effectively (in ways that make a sustained, substantial, and positive influence on the way we think, reflect, act or feel) when:

- a) We are trying to answer questions, solve problems or acquire skills that we find interesting, exciting or important
- b) We are able to speculate, test ideas (intellectually or practically) and learn from experience, even before we know much about the subject
- c) We are able to do so in a challenging and at the same time supportive environment
- d) We feel that we are part of a community and believe that other people have confidence in our ability to learn
- e) We understand the meaning of the intended learning outcomes, how the environment is organized, and what is expected of us
- f) We have adequate prior knowledge to deal with the current learning situation
- g) We are able to learn inductively by moving from concrete examples and experiences to general principles, rather than the reverse
- h) We are challenged to develop a true understanding of key concepts and gradually create a coherent whole from the content
- i) We believe that the work we are expected to do will help us to achieve the intended learning outcomes
- j) We are able to try, fail, and receive feedback before, and separate from, each summative assessment of our efforts
- k) We believe that our work will be considered in an honest and fair way
- l) We have sufficient time for learning and devote the time needed to do so



m) We believe that we have control over our own learning, and not that we are being manipulated

n) We are able to collaborate with other learners struggling with the same problems

Literature

Bain, K. (2004). *What the Best College Teachers Do*, Chapter 5, pp. 98-134. Cambridge: Harvard University Press.

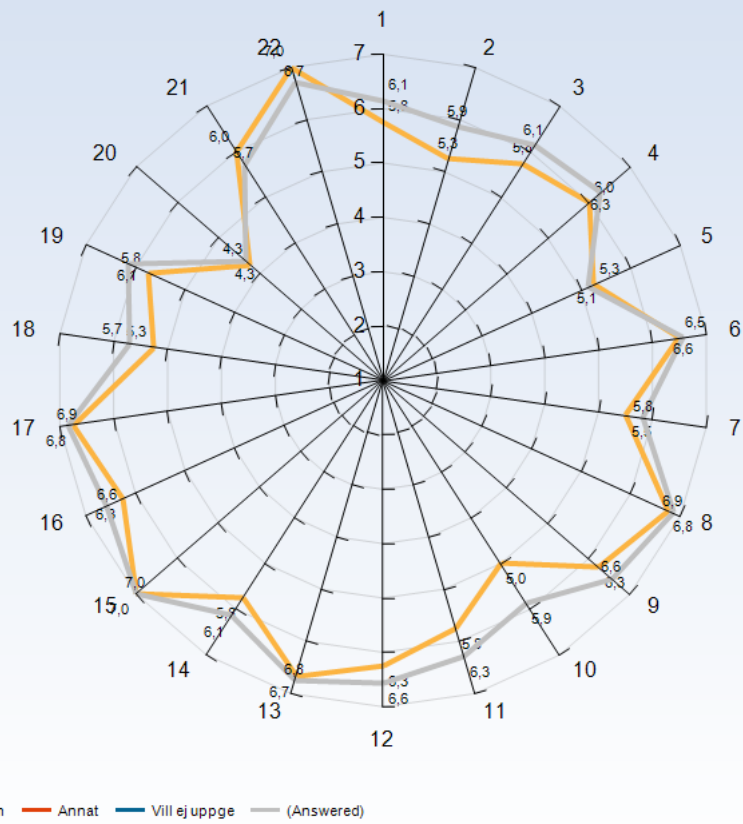
Biggs J. & Tang, C. (2011). *Teaching for Quality Learning at University*, Chapter 6, pp. 95-110. Maidenhead: McGraw Hill.

Elmgren, M. & Henriksson, A-S. (2014). *Academic Teaching*, Chapter 3, pp. 57-72. Lund: Studentlitteratur.

Kember, K. & McNaught, C. (2007). *Enhancing University Teaching: Lessons from Research into Award-Winning Teachers*, Chapter 5, pp. 31-40. Abingdon: Routledge.

Ramsden, P. (2003). *Learning to Teach in Higher Education*, Chapter 6, pp. 84-105. New York: RoutledgeFalmer.

Average response to LEQ statements - per gender

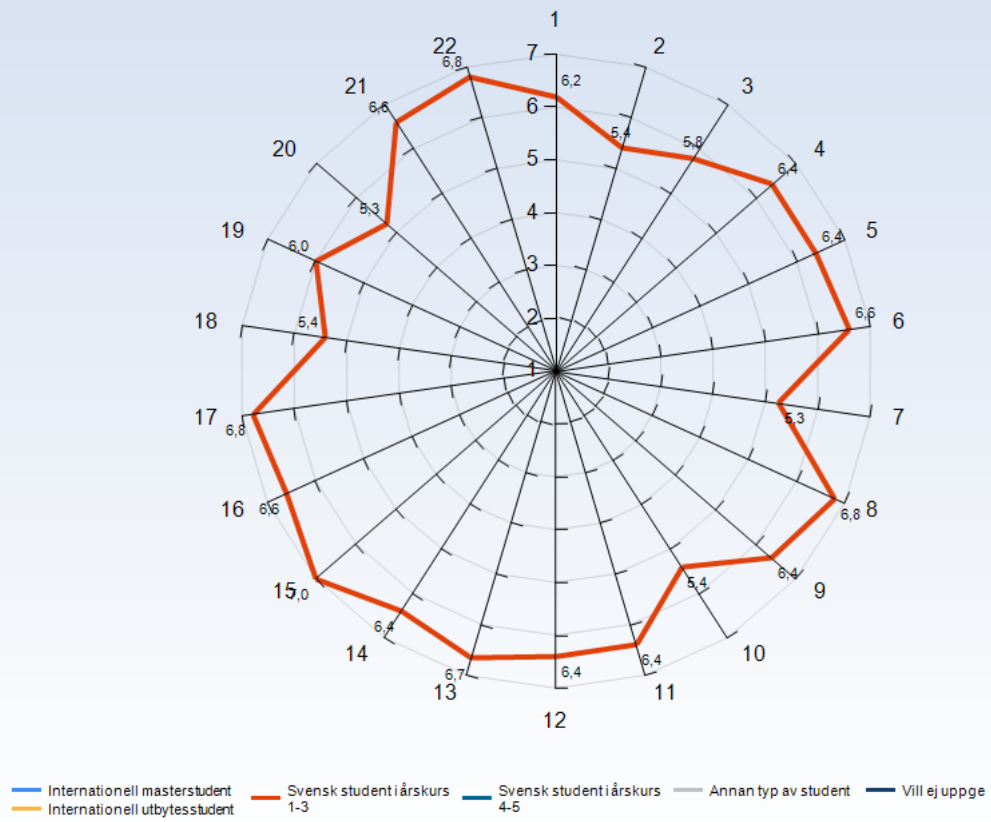


Comments

Comments (I am: Man)

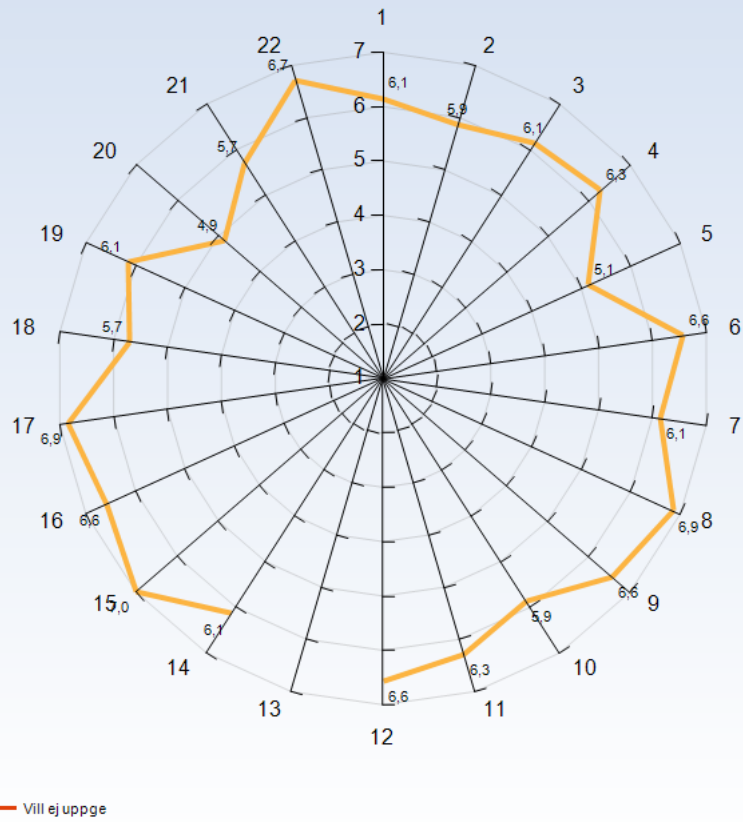
21 y/o

Average response to LEQ statements - per type of student



Comments

Average response to LEQ statements - per disability



Comments



GENERAL QUESTIONS

What was the best aspect of the course?

What was the best aspect of the course? (I worked: 3-5 timmar/vecka)

The best part of the course was the teachers who really spent time with the students to debug code when it didn't work.
Good structure

What was the best aspect of the course? (I worked: 6-8 timmar/vecka)

The exercises were excellent for learning!
That everything was very organized compared to other courses

What was the best aspect of the course? (I worked: 9-11 timmar/vecka)

The content was very well structured and the online lectures were very good.

What would you suggest to improve?

What would you suggest to improve? (I worked: 3-5 timmar/vecka)

It would be nice if the teachers recaps the online lectures in about 10 minutes before every exercise start. I also think it's a good moment to let people ask questions if something in the lecture was hard to understand.

What would you suggest to improve? (I worked: 6-8 timmar/vecka)

There is a lot of mandatory time in class and it is the only time to get help, sometimes other courses get in the way and I found that very frustrating.

What would you suggest to improve? (I worked: 9-11 timmar/vecka)

One of the assistants was very hovering. If we don't ask for help we don't need it. :) Of course it's good to check on us and all but it was a bit too much.

What advice would you like to give to future participants?

What advice would you like to give to future participants? (I worked: 3-5 timmar/vecka)

Everything will be fine, just don't skip the exercises.
Follow from the beginning

What advice would you like to give to future participants? (I worked: 6-8 timmar/vecka)

Participate and do the exercises when help is offered!

What advice would you like to give to future participants? (I worked: 9-11 timmar/vecka)

Take the time to watch the lectures.

Is there anything else you would like to add?

Is there anything else you would like to add? (I worked: 3-5 timmar/vecka)

No.

SPECIFIC QUESTIONS



RESPONSE DATA

The diagrams below show the detailed response to the LEQ statements.
The response scale is defined by:

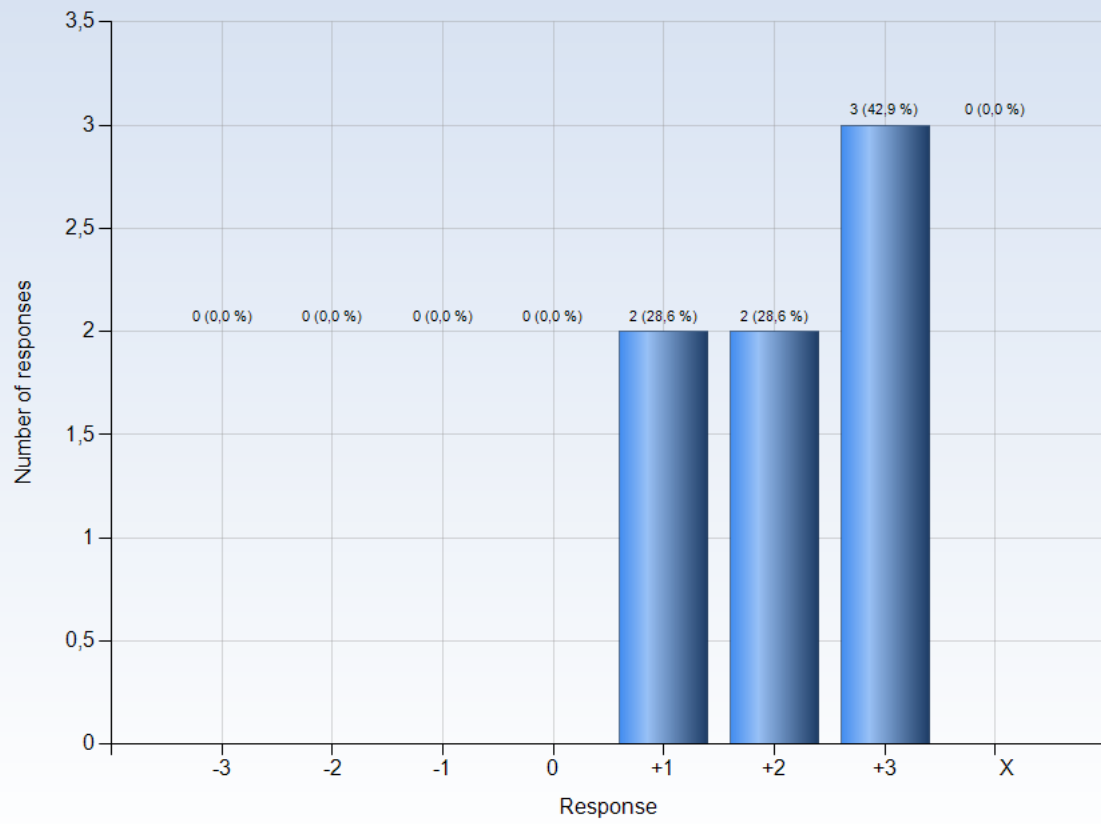
-3 = No, I strongly disagree with the statement

0 = I am neutral to the statement

+3 = Yes, I strongly agree with the statement

X = I decline to take a position on the statement

1. I worked with interesting issues

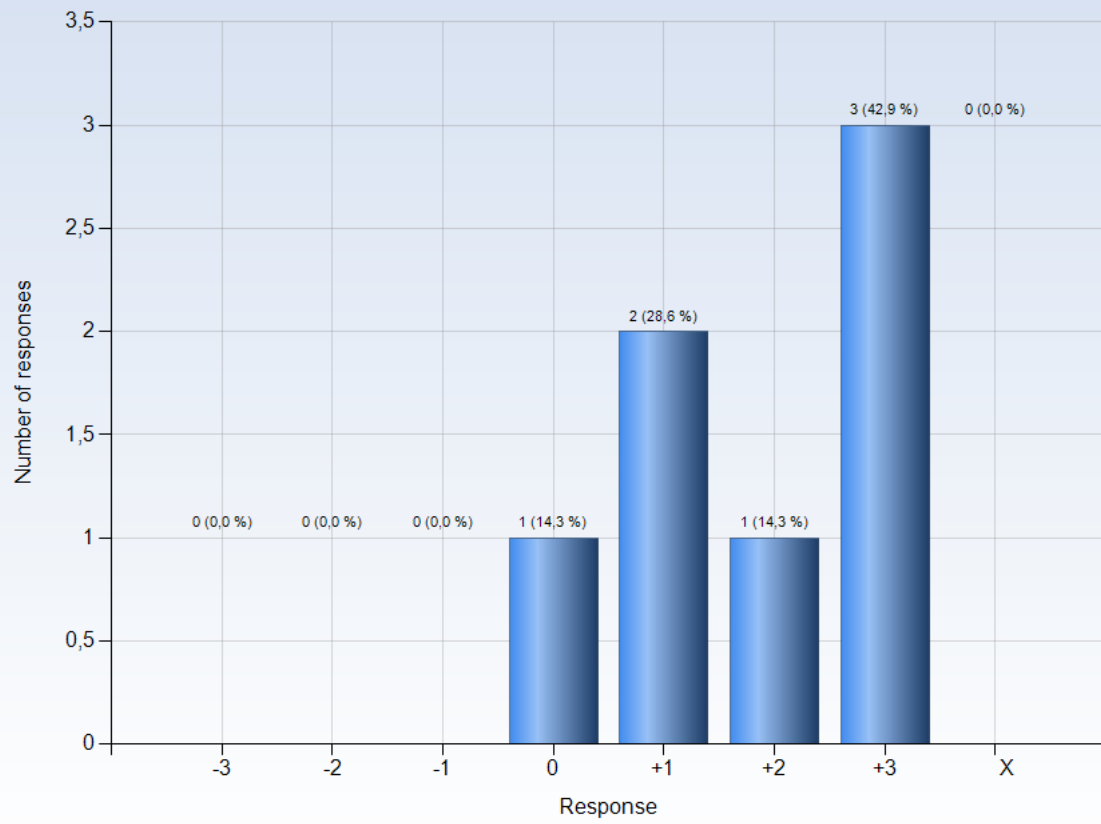


Comments

Comments (My response was: +1)

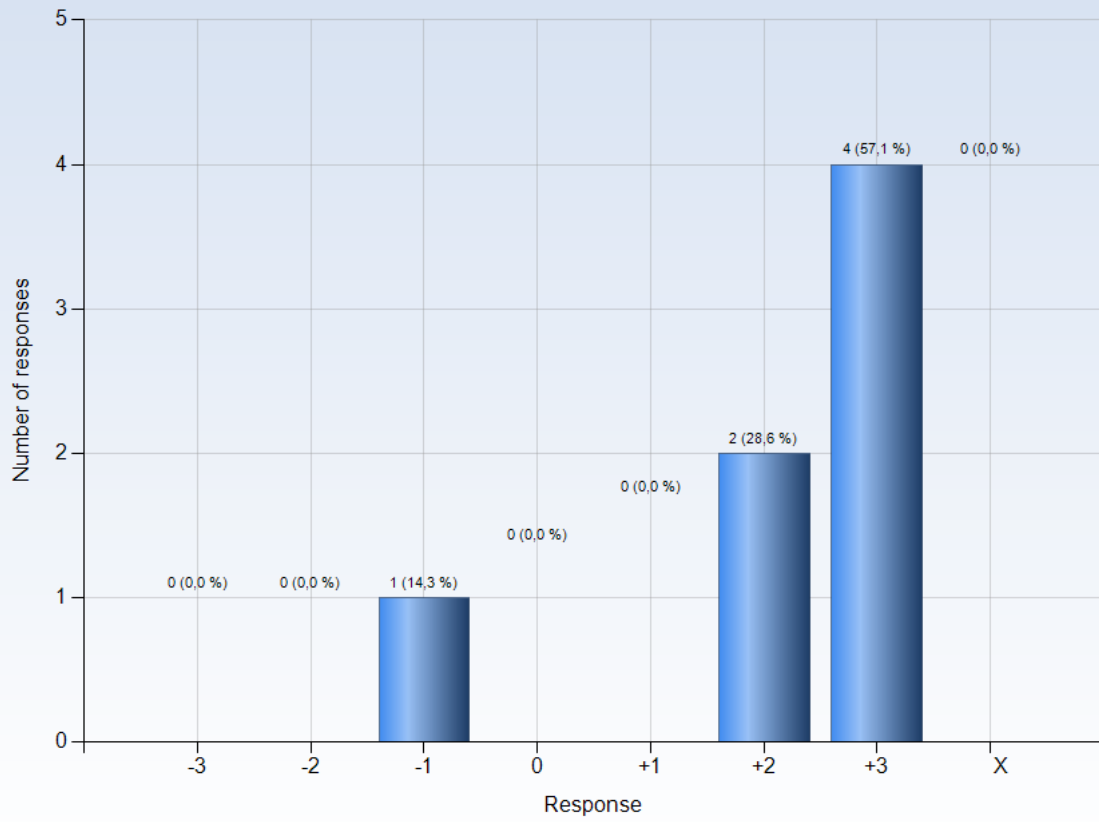
Tyvärr inte alltid! Vore kul med mera intressanta exempel!

2. I explored parts of the subject on my own



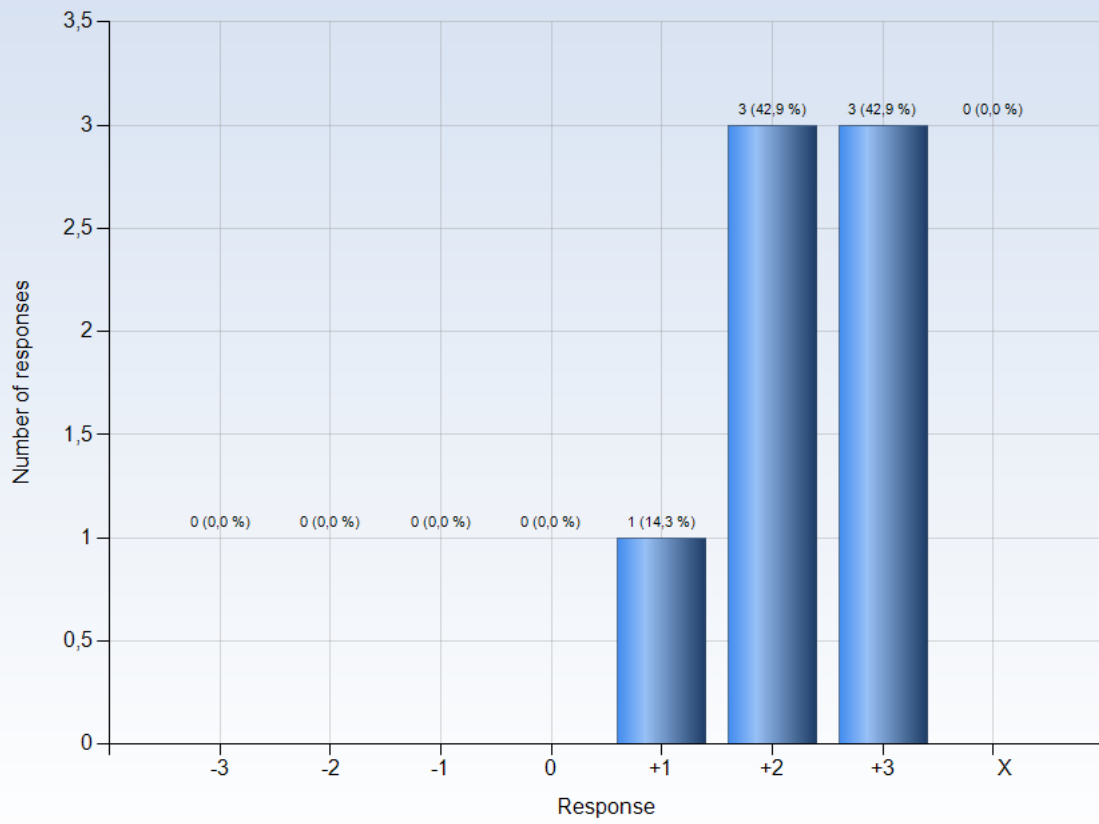
Comments

3. I was able to learn by trying out my own ideas



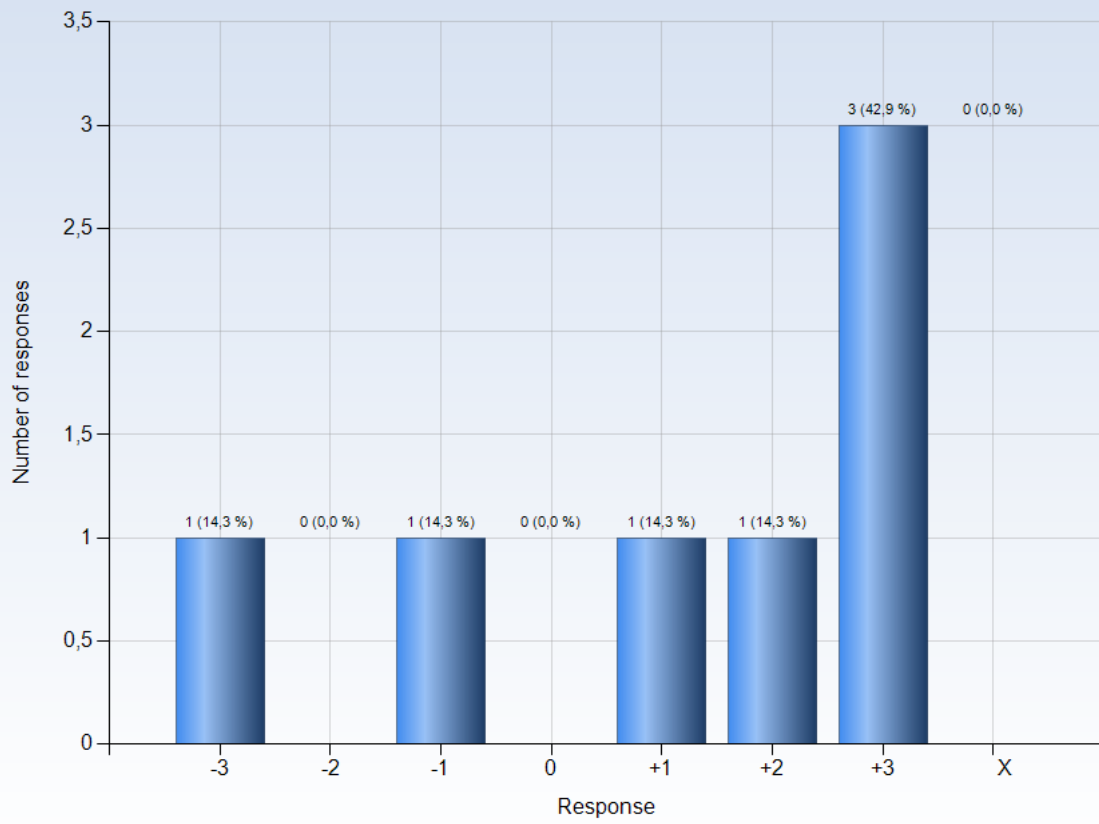
Comments

4. The course was challenging in a stimulating way



Comments

5. I felt togetherness with others on the course

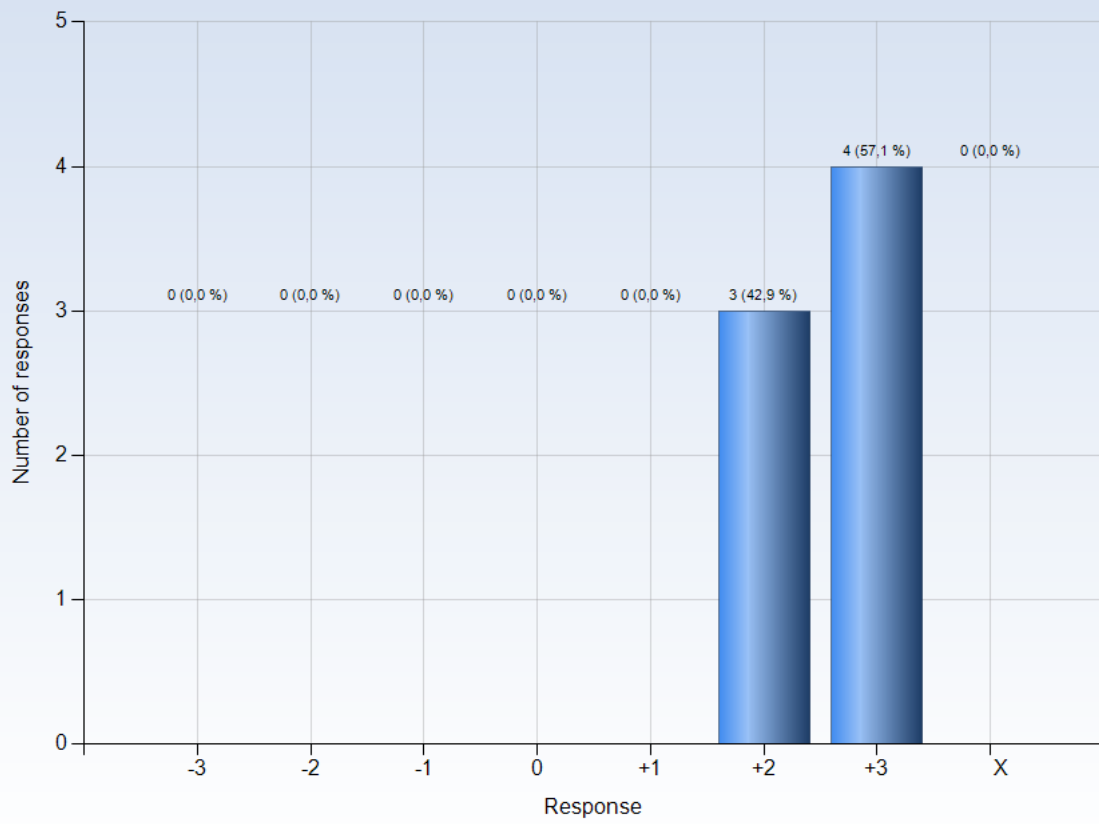


Comments

Comments (My response was: +1)

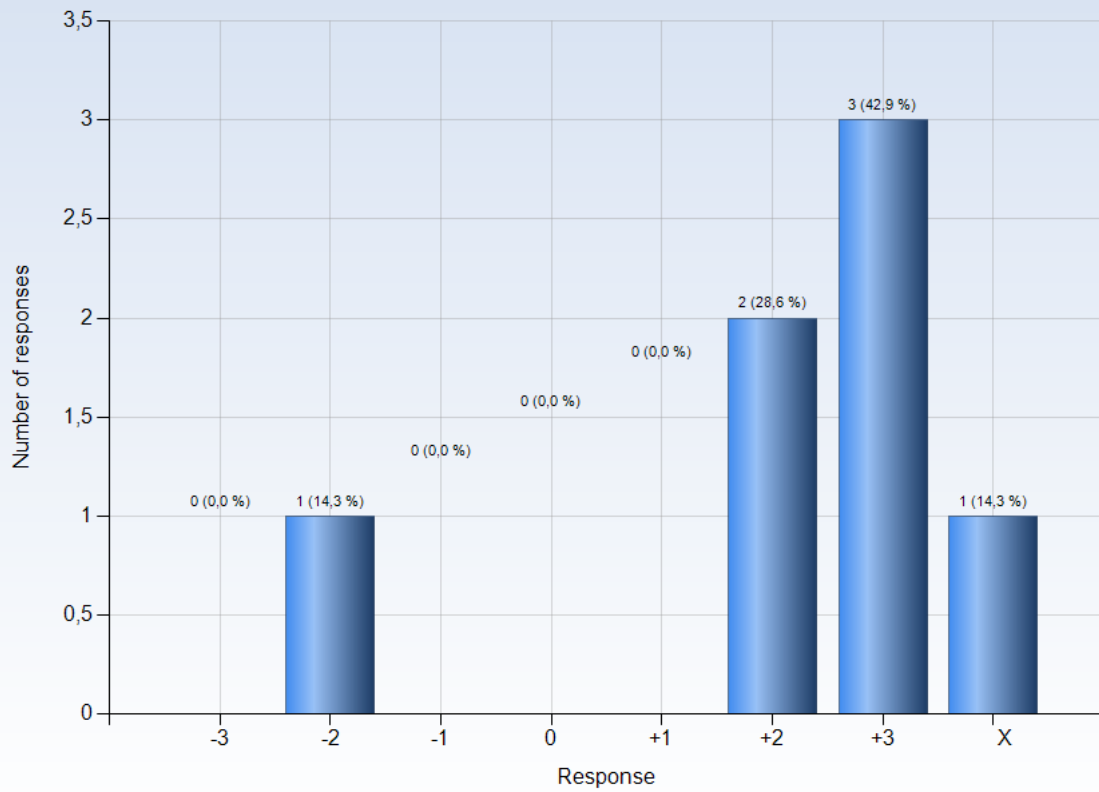
With the people I already knew yes, not with the rest

6. The atmosphere on the course was open and inclusive



Comments

7. The intended learning outcomes helped me to understand what I was expected to achieve



Comments

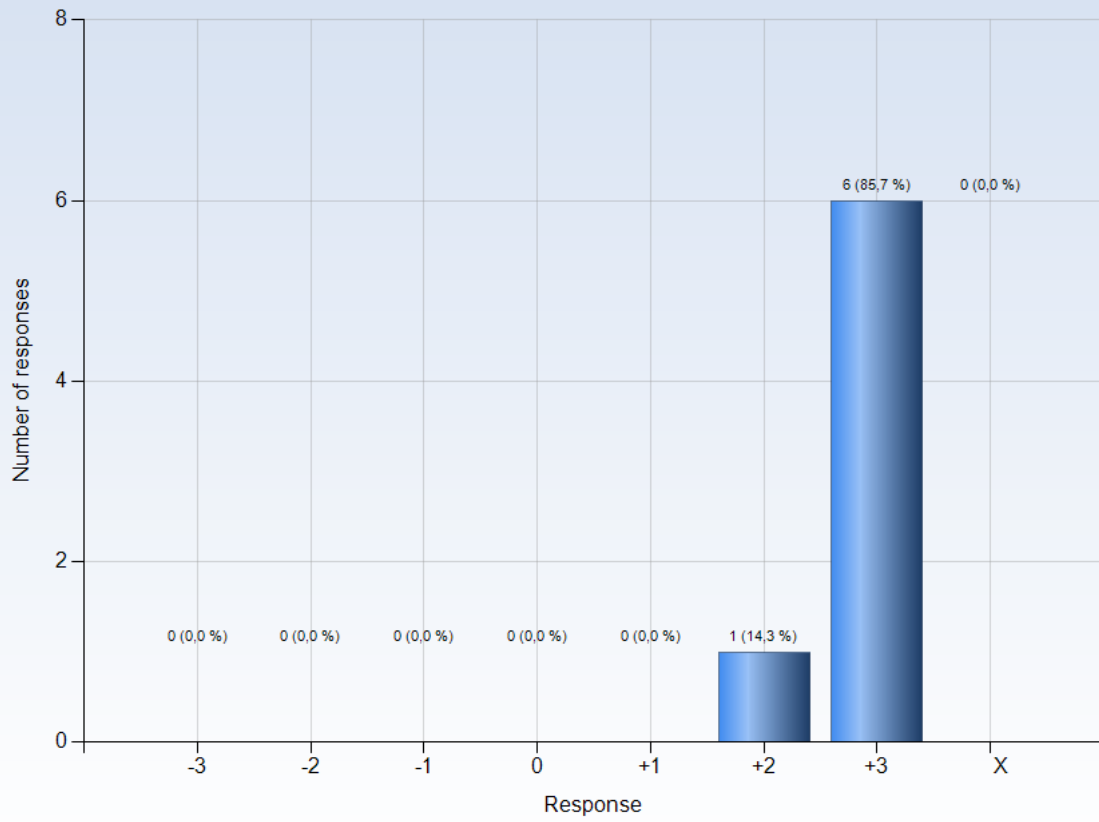
Comments (My response was: +3)

Jo det var det! Inget konstigt på den fronten

Comments (My response was: X)

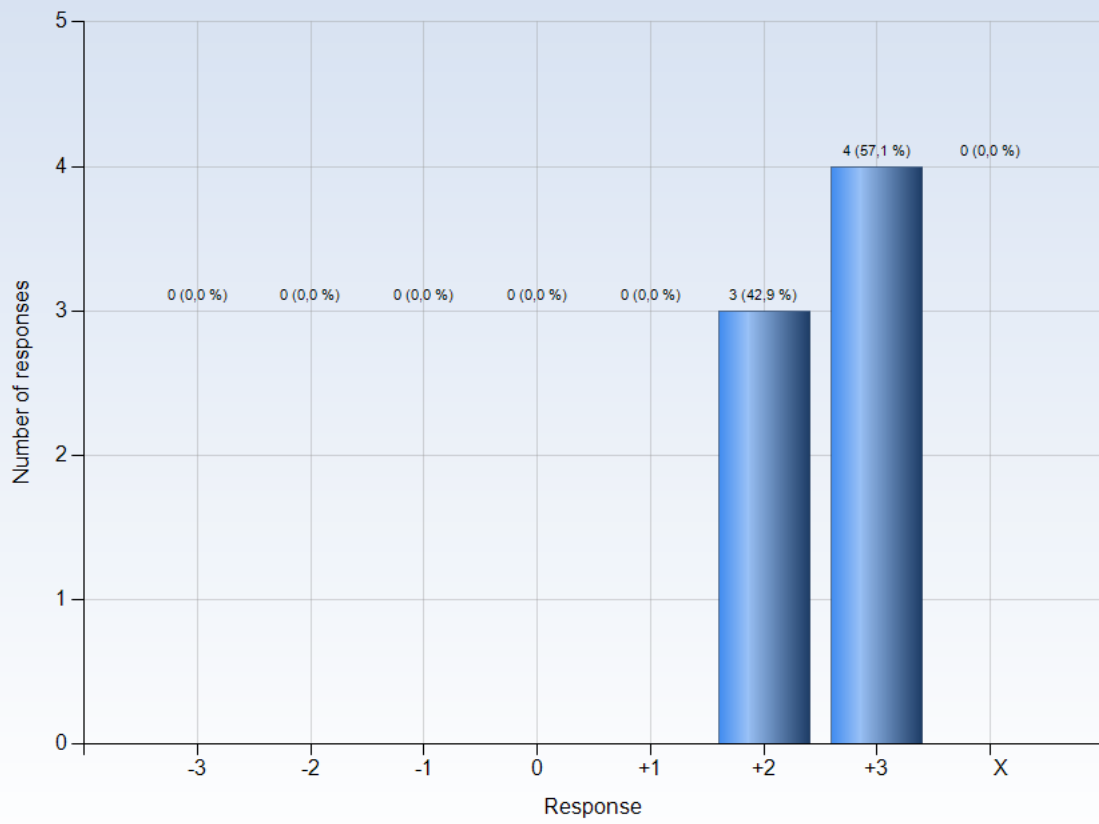
Didn't read the course goals

8. The course was organized in a way that supported my learning



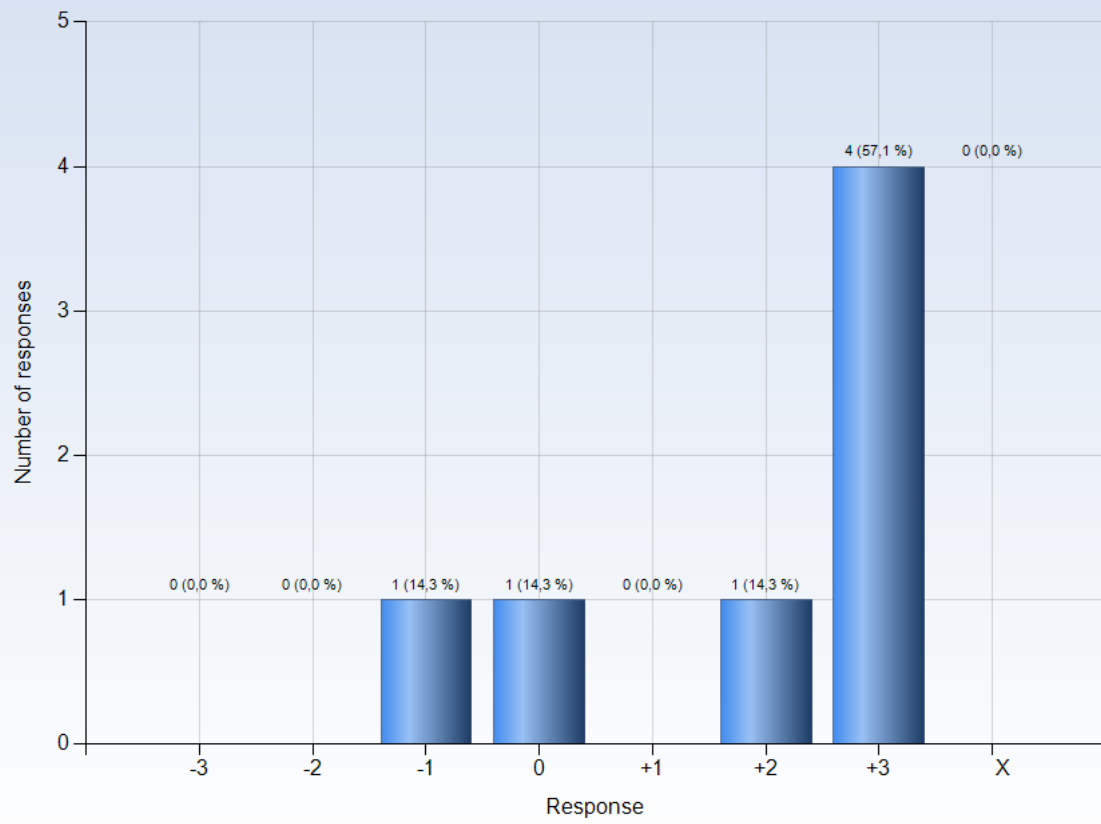
Comments

9. I understood what the teachers were talking about



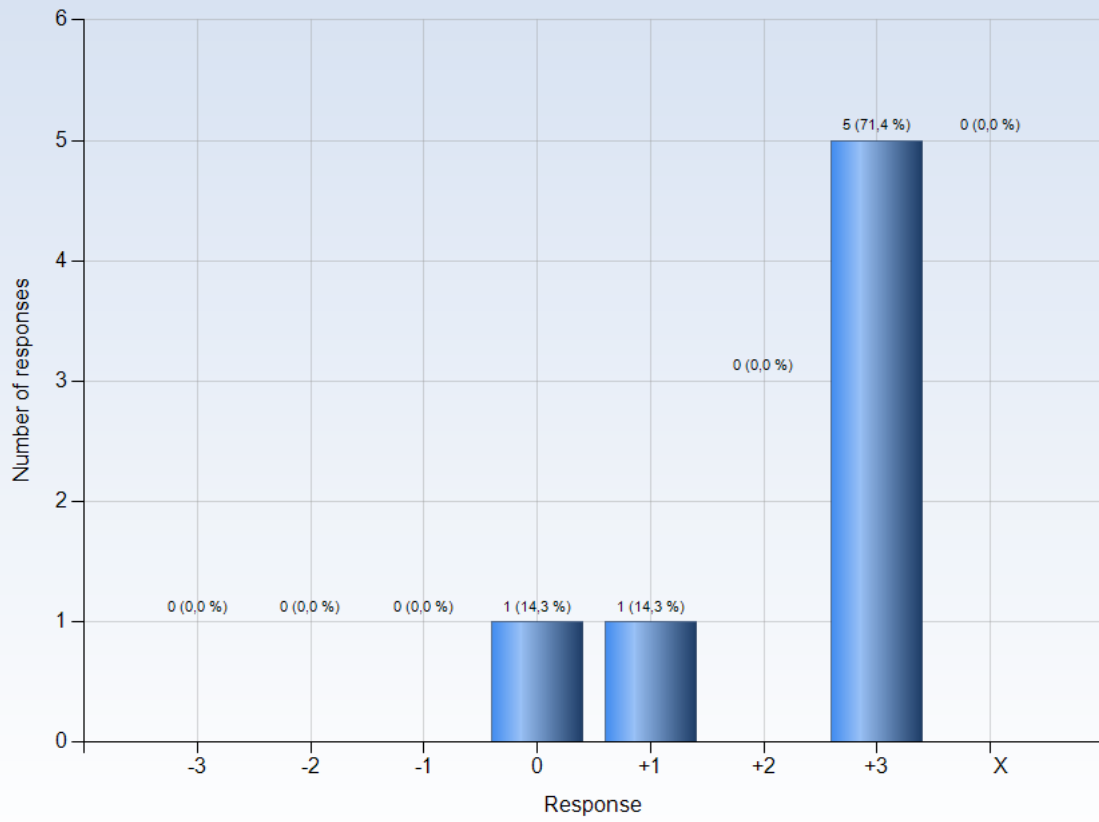
Comments

10. I was able to learn from concrete examples that I could relate to



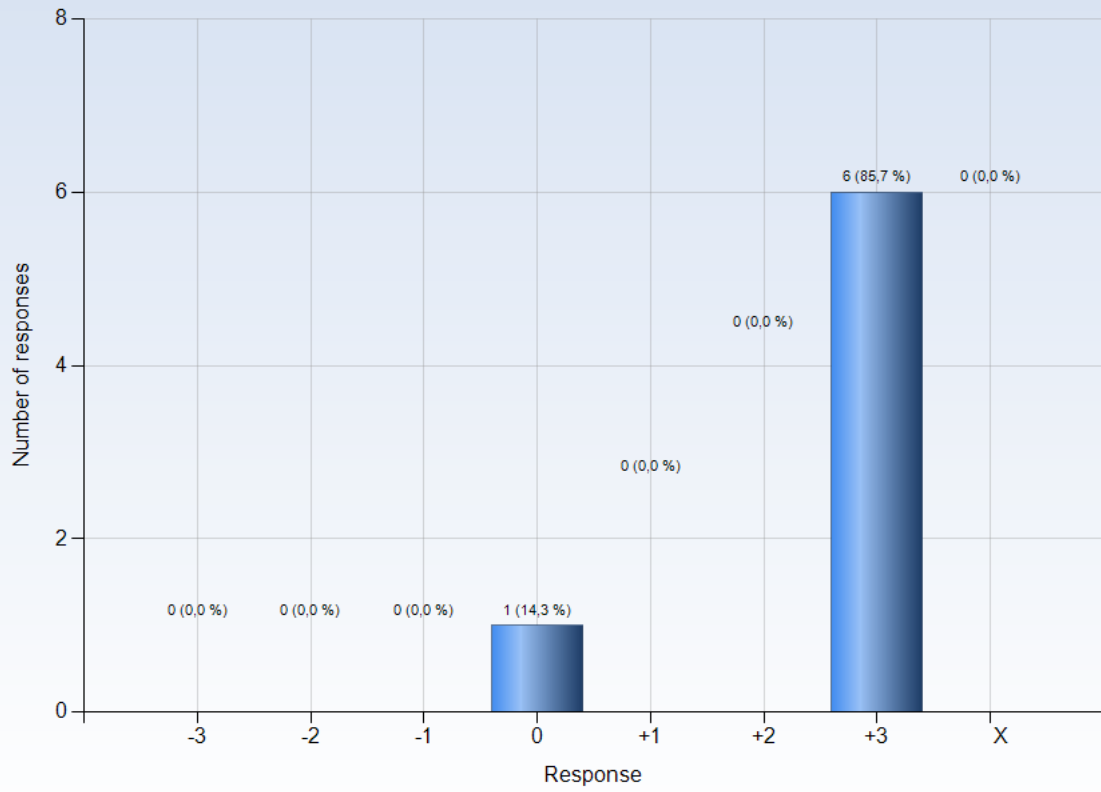
Comments

11. Understanding of key concepts had high priority



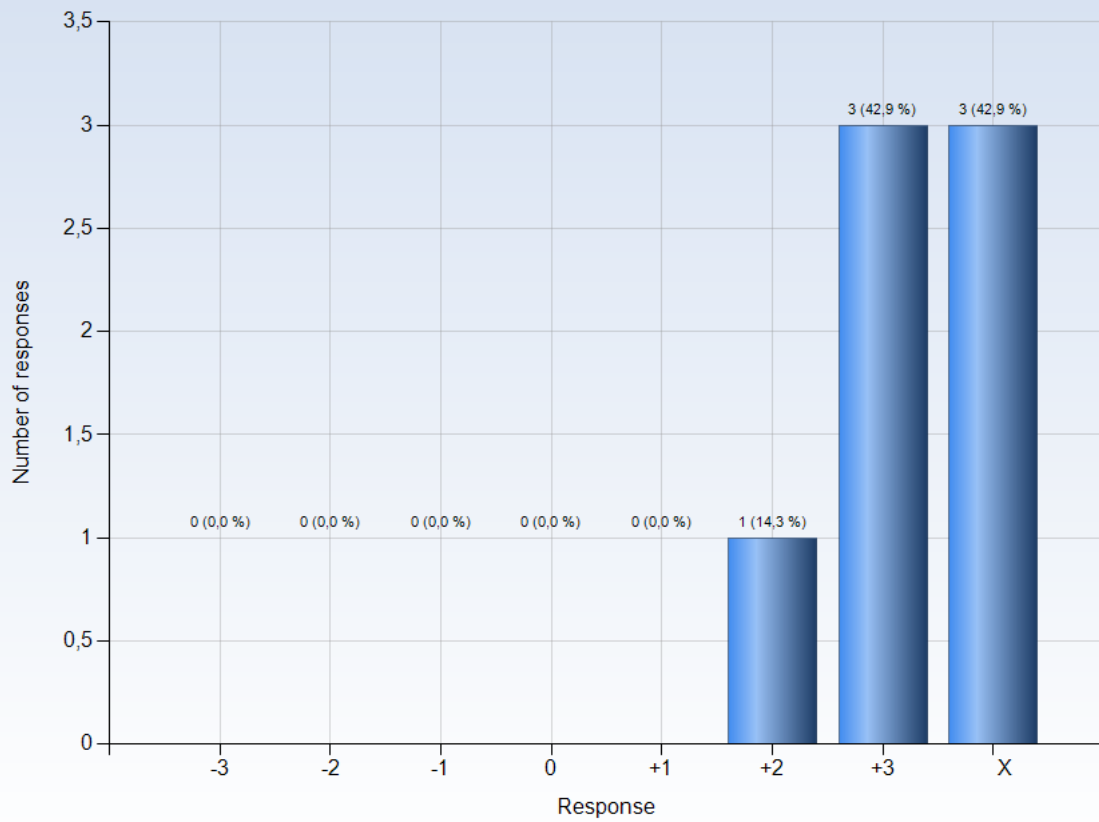
Comments

12. The course activities helped me to achieve the intended learning outcomes efficiently



Comments

13. I understood what I was expected to learn in order to obtain a certain grade

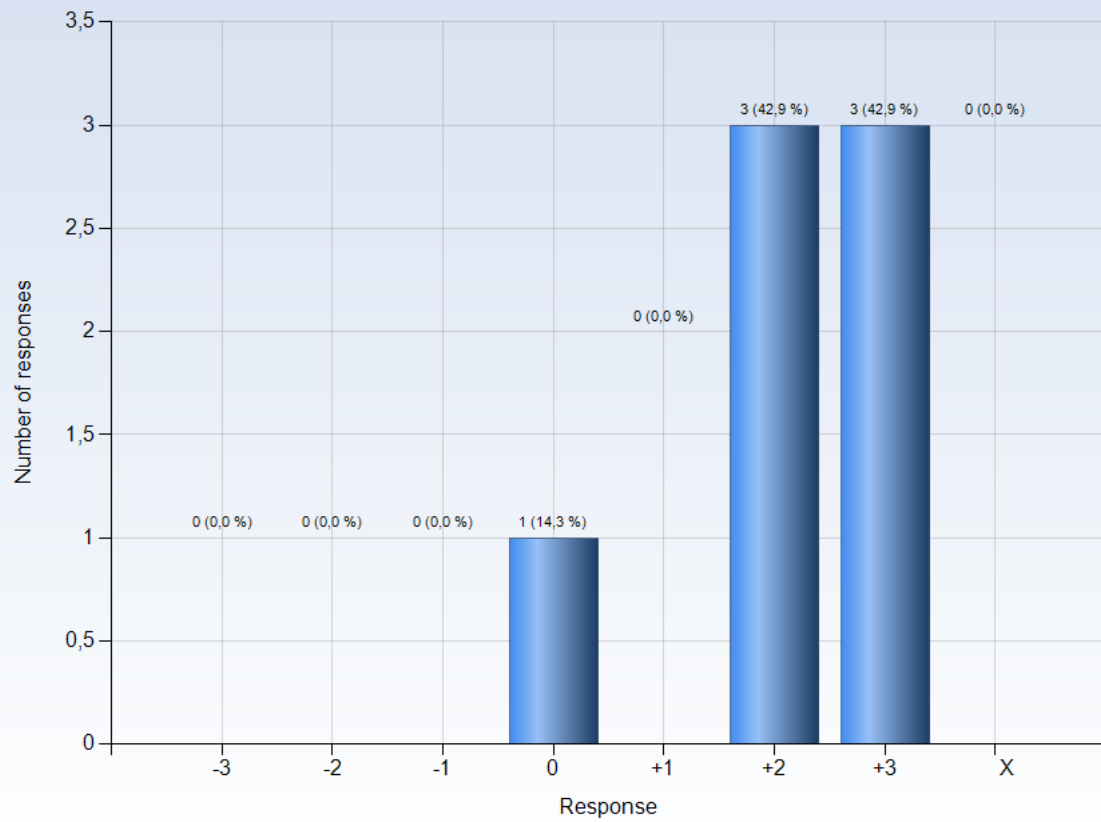


Comments

Comments (My response was: X)

Not a graded course

14. I received regular feedback that helped me to see my progress

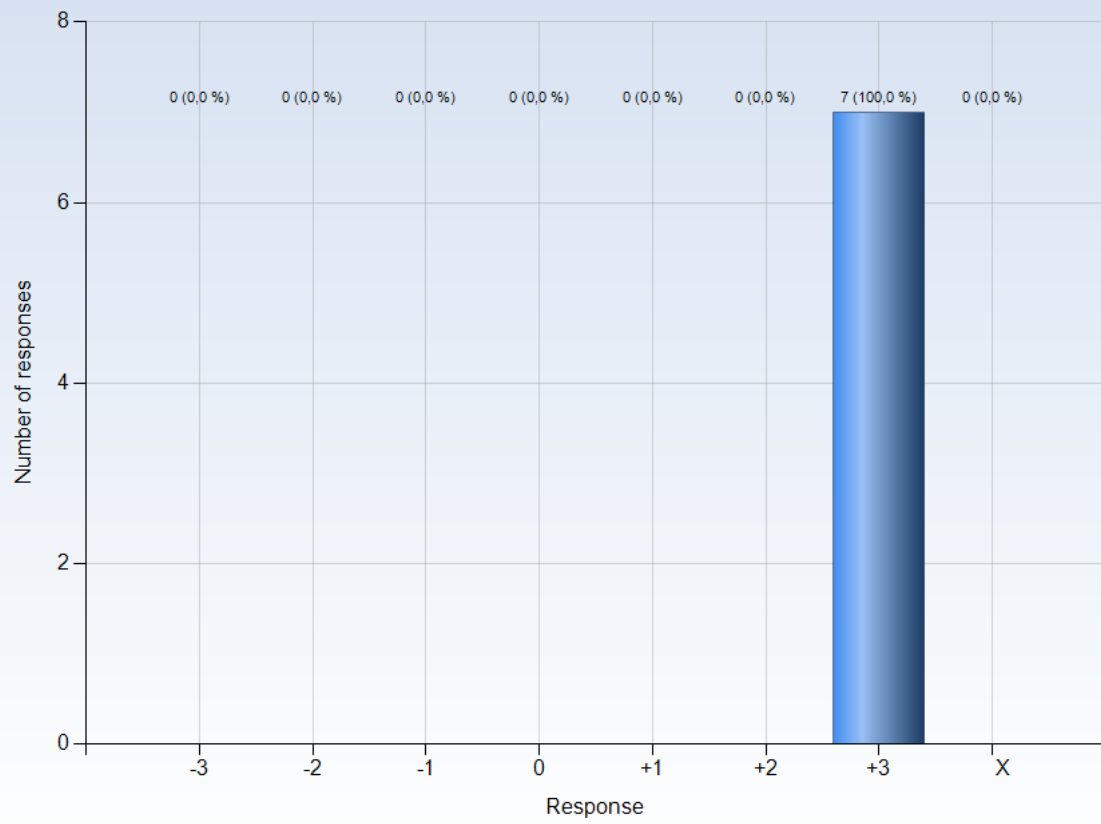


Comments

Comments (My response was: +2)

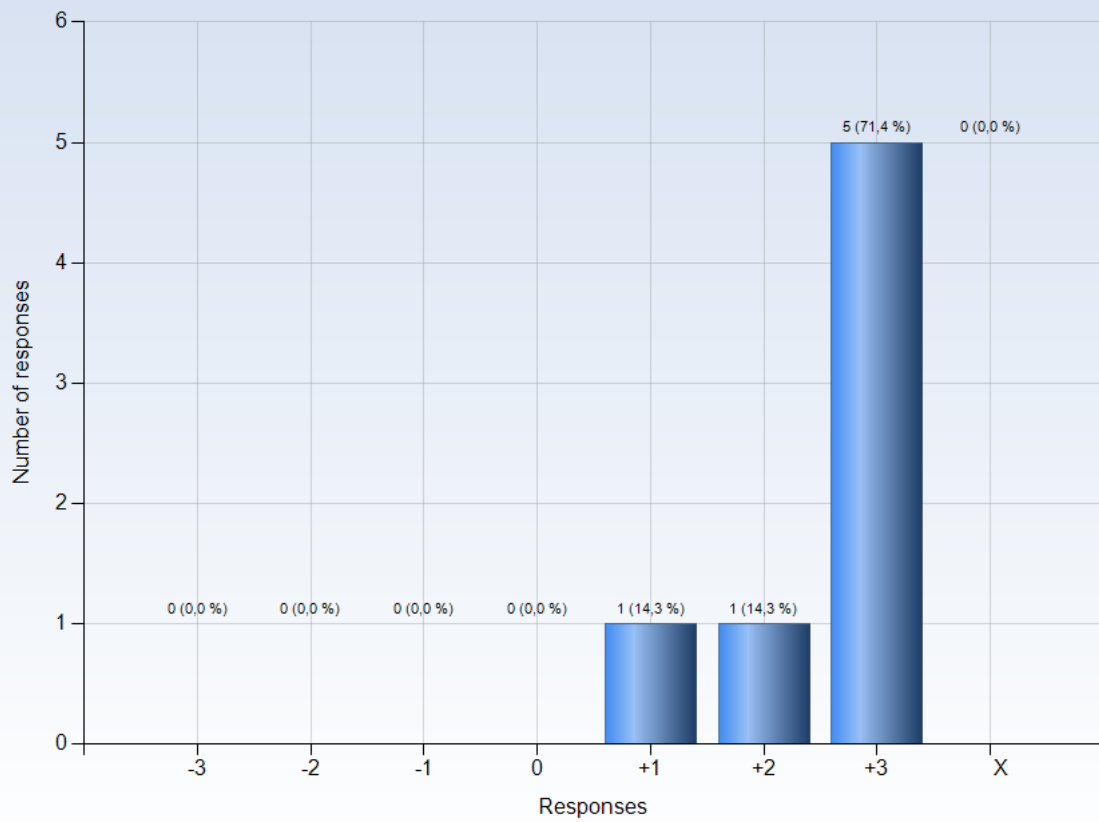
Bra Assar och lärare

15. I could practice and receive feedback without being graded



Comments

16. The assessment on the course was fair and honest

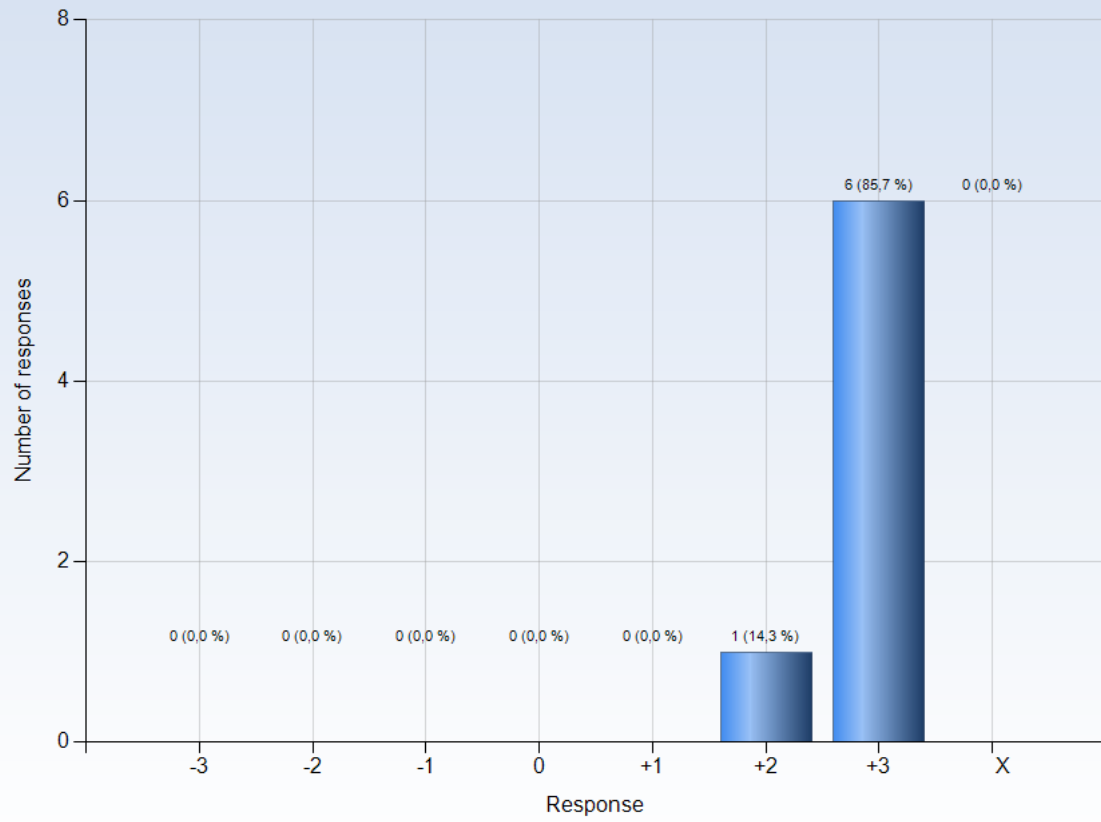


Comments

Comments (My response was: +1)

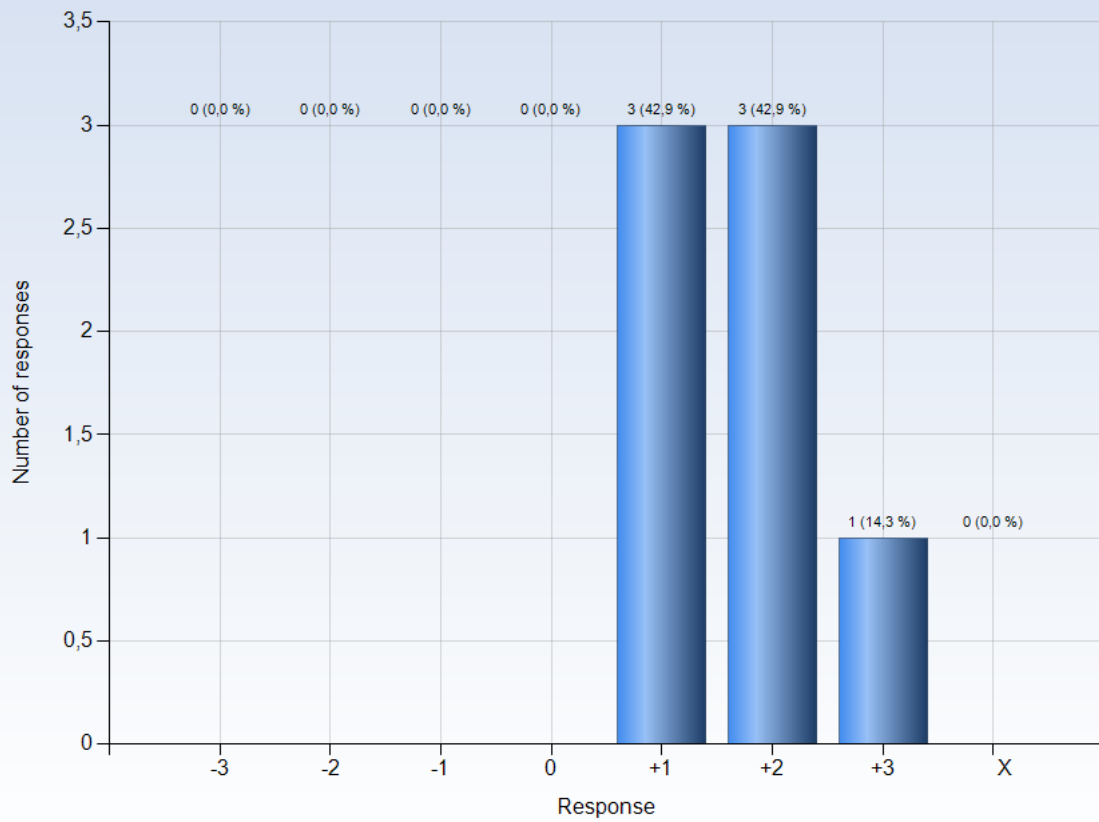
Att bli dömd av andra studenter kan vara orättvist

17. My background knowledge was sufficient to follow the course



Comments

18. I regularly spent time to reflect on what I learned

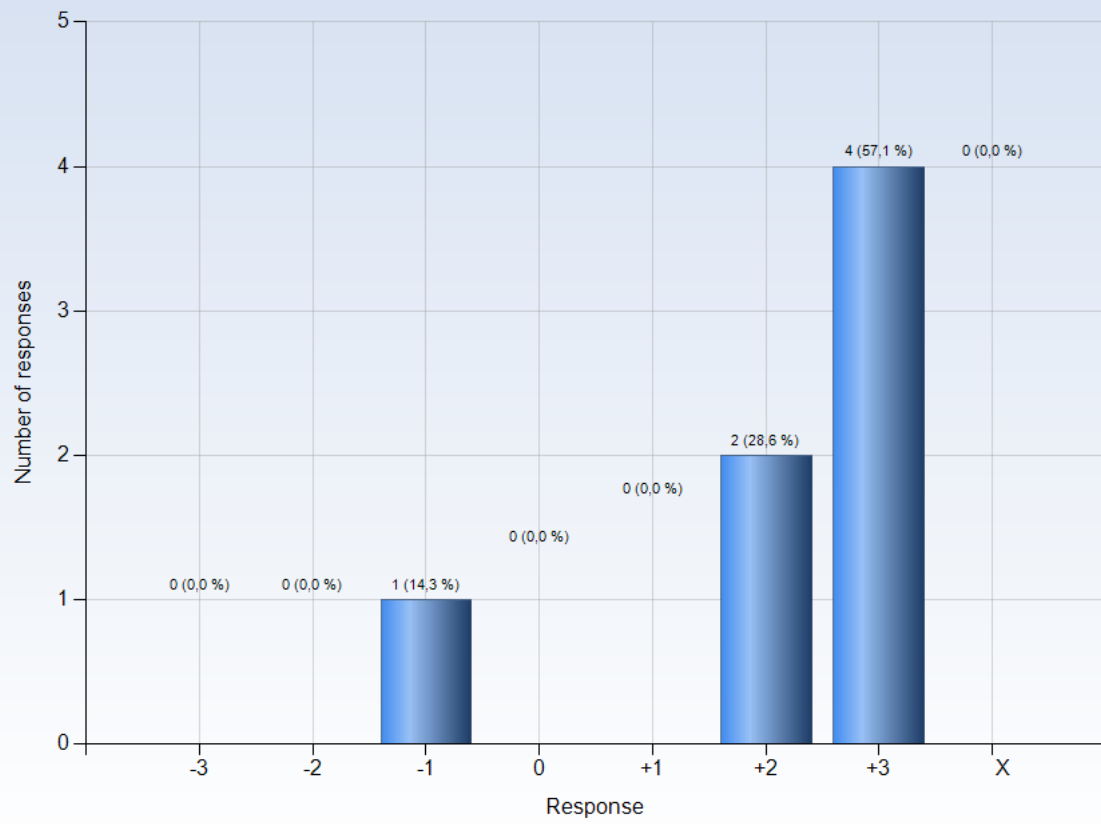


Comments

Comments (My response was: +1)

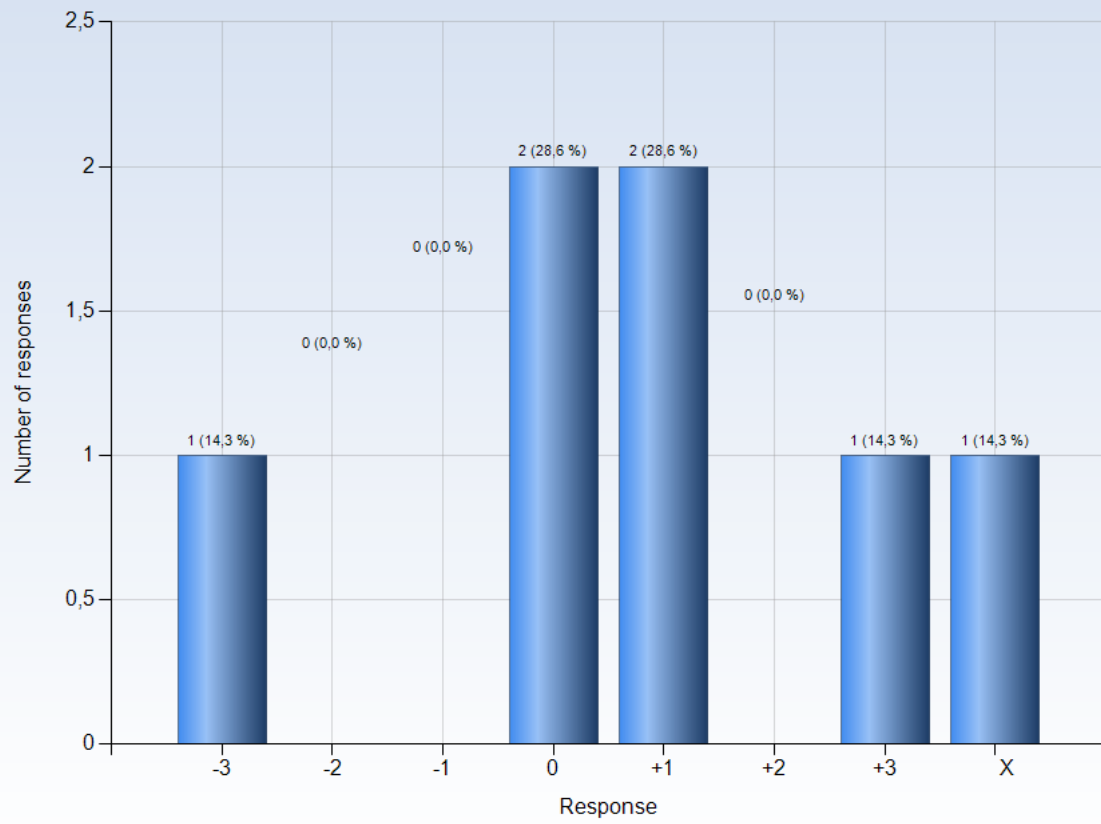
Jo fast blir man klar med ett ämne så hoppar man till nästa!

19. The course activities enabled me to learn in different ways



Comments

20. I had opportunities to influence the course activities

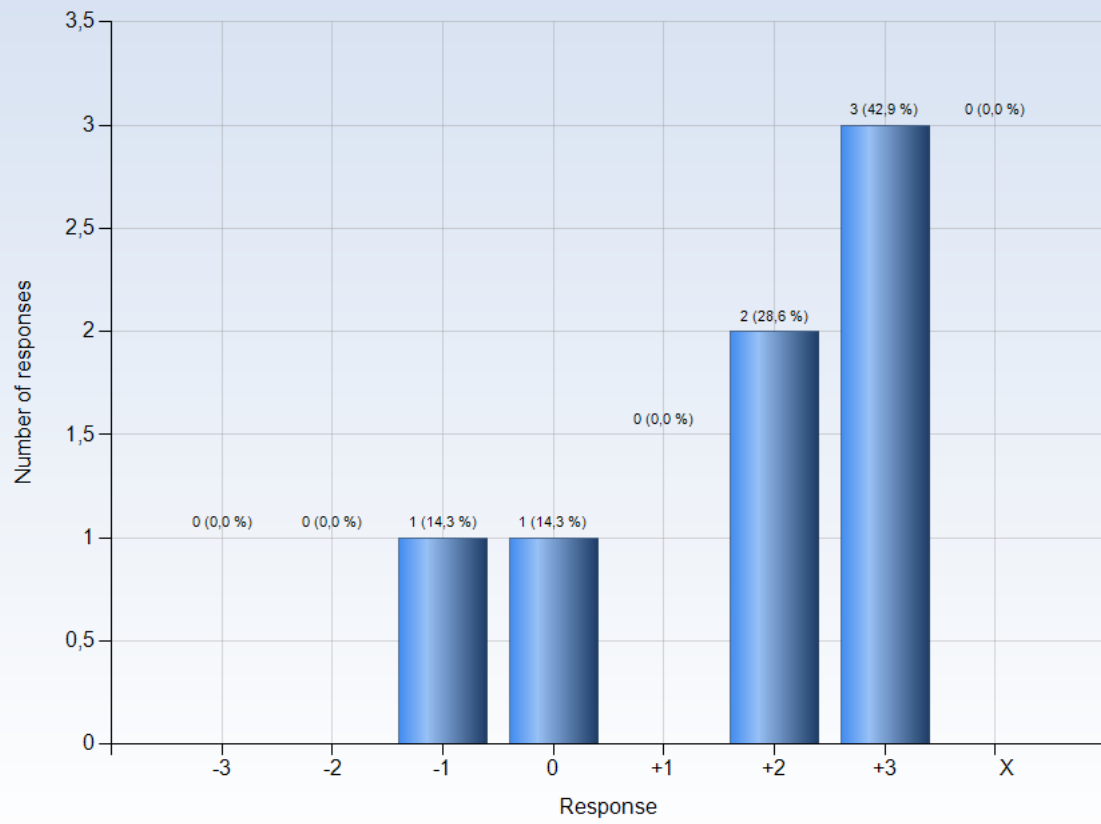


Comments

Comments (My response was: X)

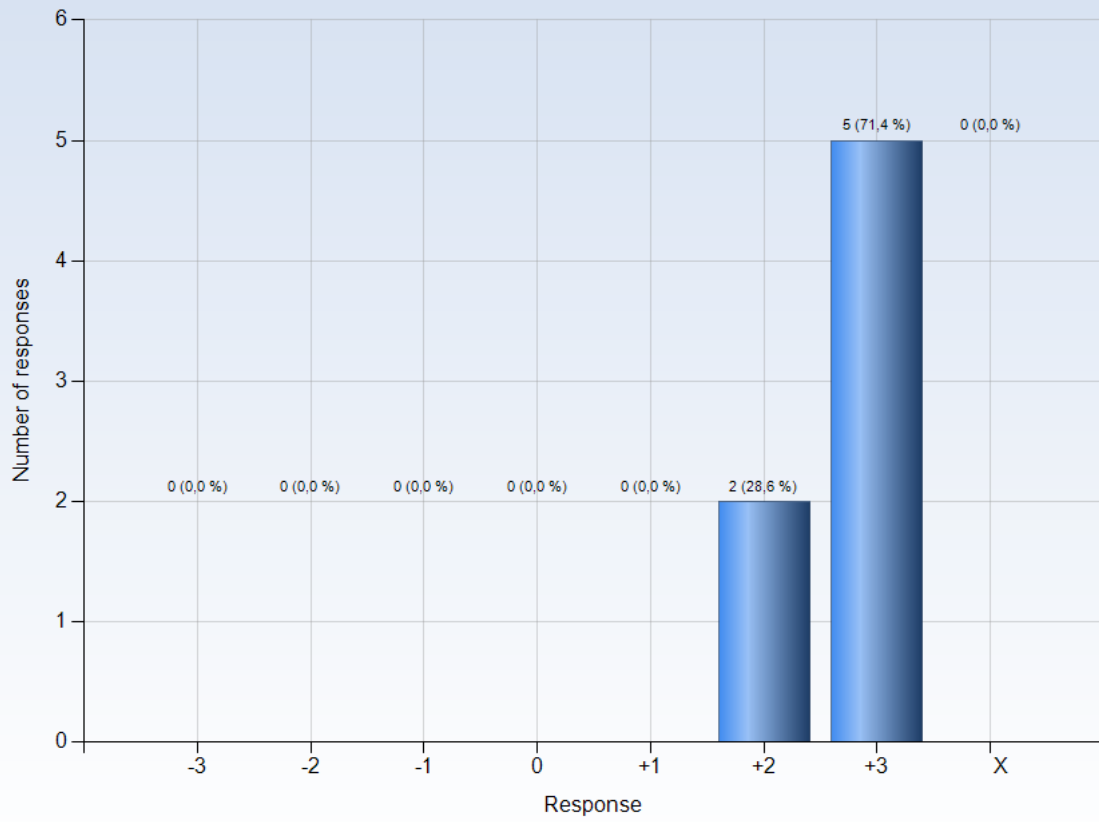
No need

21. I was able to learn by collaborating and discussing with others



Comments

22. I was able to get support if I needed it



Comments