

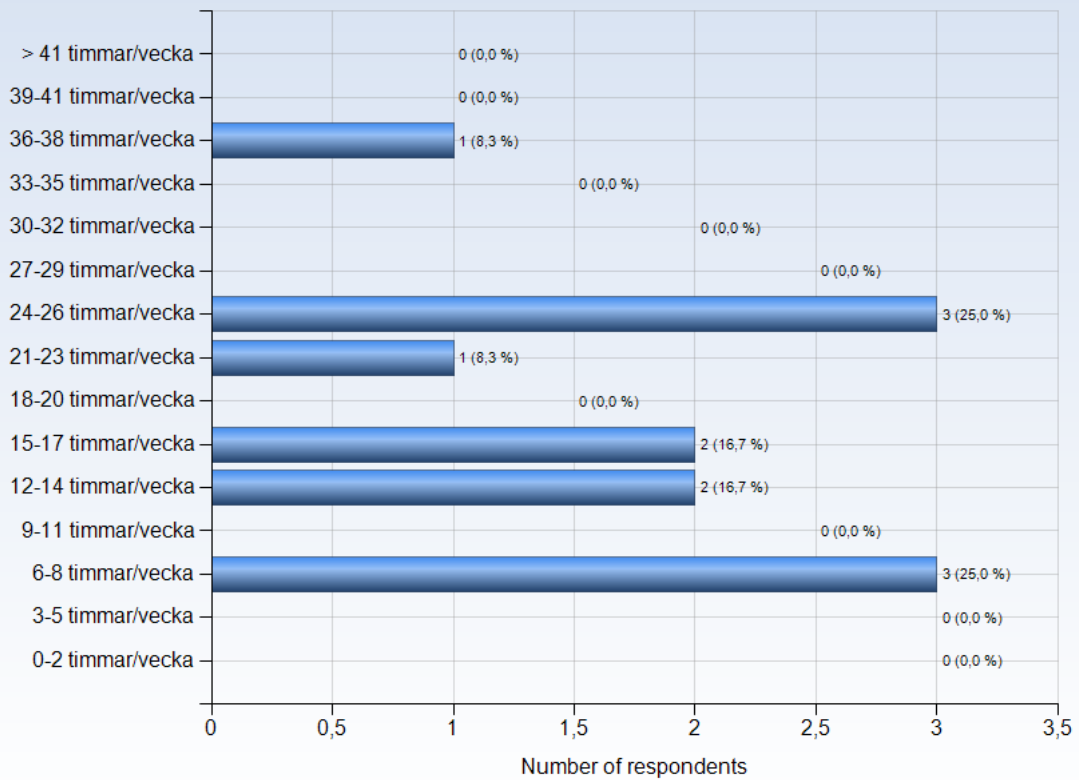


HF0024 - 2018-05-07

Antal respondenter: 28
Antal svar: 12
Svarsfrekvens: 42,86 %

ESTIMATED WORKLOAD

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



Comments



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:

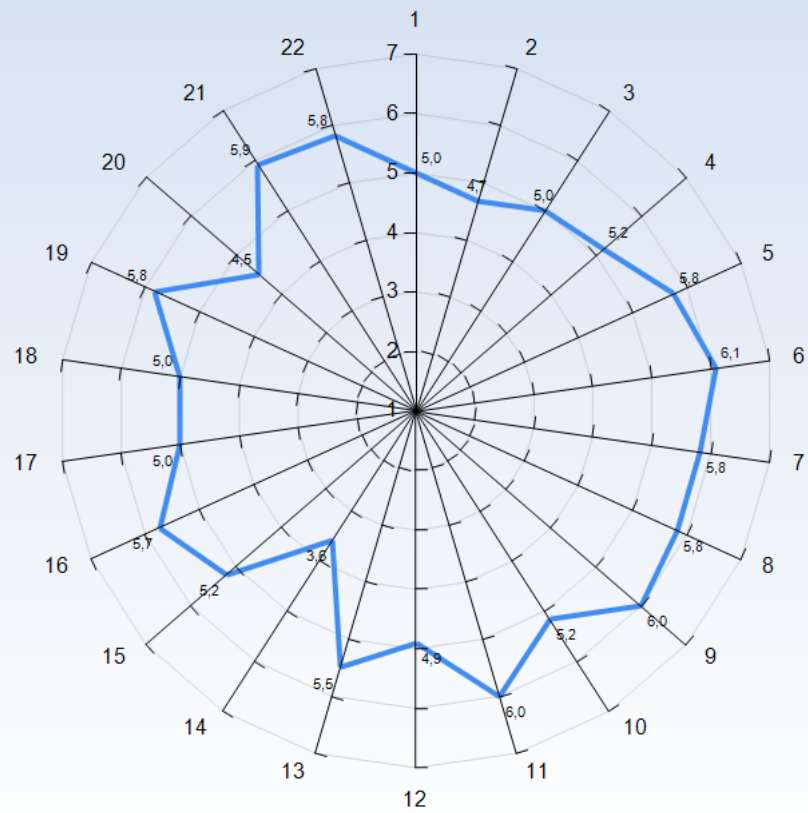
1 = No, I strongly disagree with the statement

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 v3.1.3

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. I understood how the course was organized and what I was expected to do (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 choices

19. I was able to learn in a way that suited me (m)

20. I had opportunities to choose what to do (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, intriguing or important
- b) We can speculate, try out 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 yet supportive environment
- d) We feel that we are part of a community and believe that other people have faith 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 sufficient background knowledge to manage the present learning situation
- g) We can learn inductively by moving from specific examples and experiences to general principles, rather than the other way around
- h) We are challenged to develop a proper understanding of key concepts and successively create a coherent whole of the content
- i) We believe that the work we are expected to do will help us to reach the intended learning outcomes
- j) We can try, fail, and receive feedback in advance of and separate from any summative judgment of our efforts
- k) We believe that our work will be considered fairly and honestly
- l) We have sufficient time to learn and devote the time necessary to do so



m) We believe that we are in control of our own learning, not manipulated

n) We can work collaboratively 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.

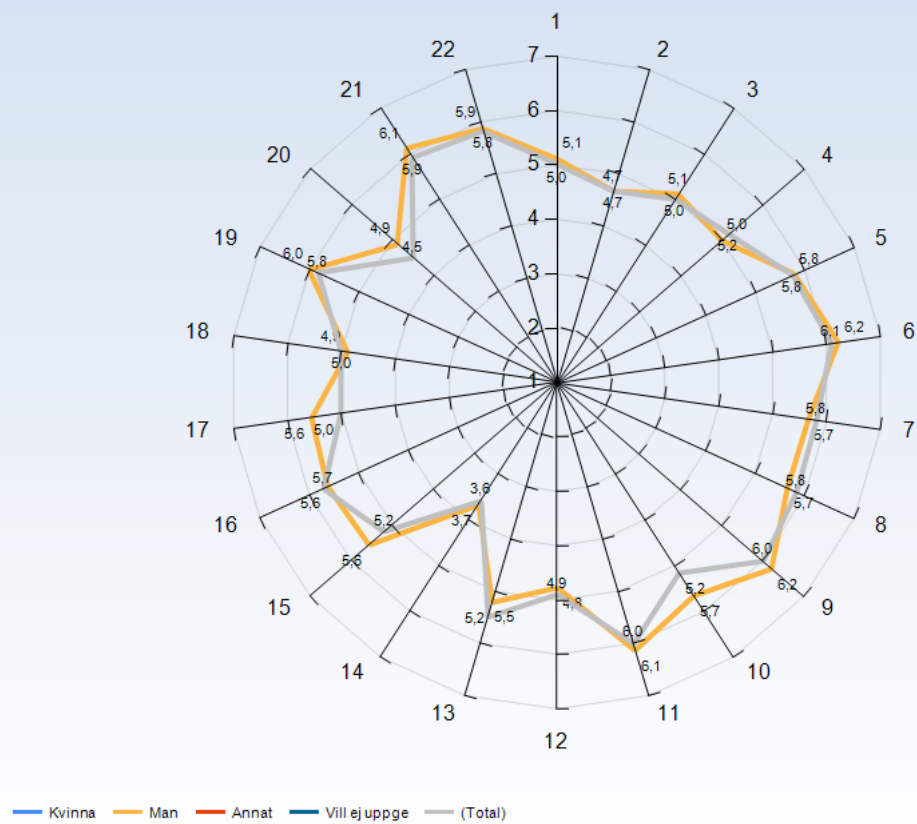
Biggs J. & Tang, C. (2011). *Teaching for Quality Learning at University*, Chapter 6, pp. 95-110. Maidenhead: McGraw Hill.

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.

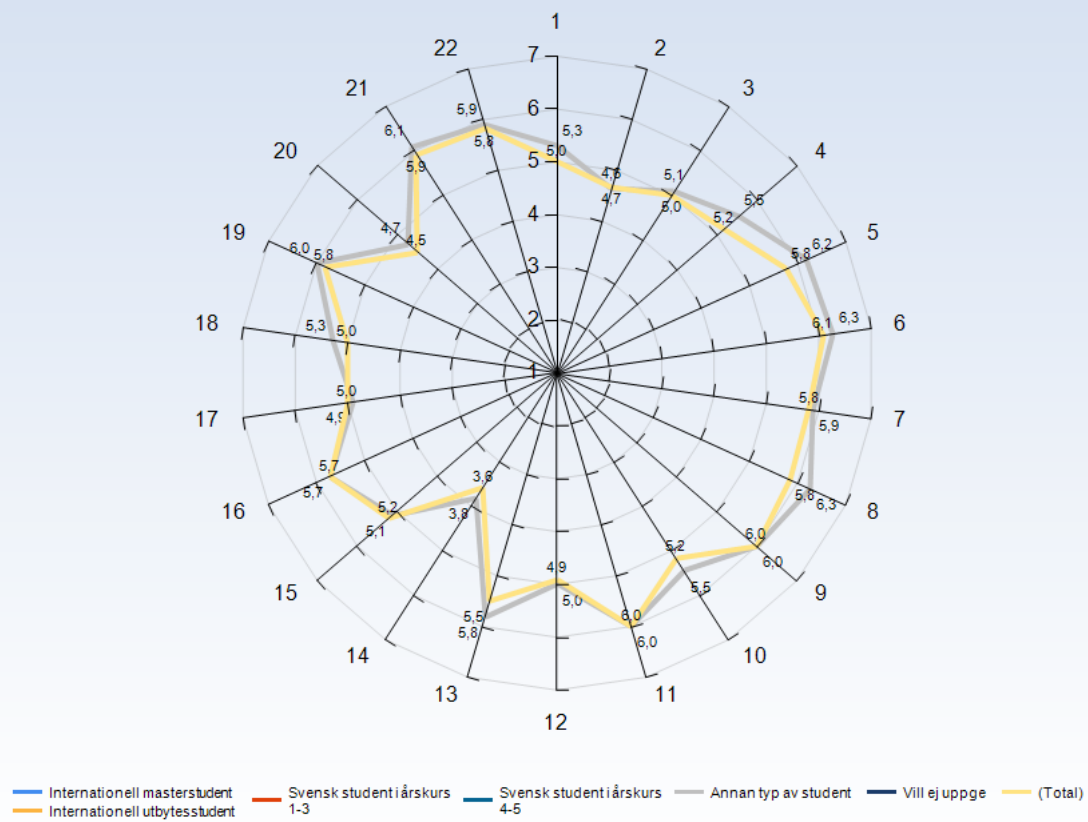
Ramsden, P. (2003). *Learning to Teach in Higher Education*, Chapter 6, pp. 84-105. New York: RoutledgeFalmer.

Average response to LEQ statements - per gender



Comments

Average response to LEQ statements - per type of student



Comments



GENERAL QUESTIONS

What was the best aspect of the course?

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

Att gå igenom många exempel

What was the best aspect of the course? (I worked: 12-14 timmar/vecka)

Den öppna atmosfären

What was the best aspect of the course? (I worked: 15-17 timmar/vecka)

Utmanande differentialekvationer

What was the best aspect of the course? (I worked: 21-23 timmar/vecka)

Det var bra med en repetition i början av kursen och utförliga lektioner.

What was the best aspect of the course? (I worked: 24-26 timmar/vecka)

Gemenskapen med klasskamraterna

What was the best aspect of the course? (I worked: 36-38 timmar/vecka)

Differentialekvationer

What would you suggest to improve?

What would you suggest to improve? (I worked: 12-14 timmar/vecka)

vet ej.

What would you suggest to improve? (I worked: 15-17 timmar/vecka)

Vet ej

What would you suggest to improve? (I worked: 21-23 timmar/vecka)

Att man inte förväntar sig att alla kan allt sedan innan, vissa har inte läst dessa kurser innan eller läst på en väldigt lång tid. Så då blev det tyvärr att lektionerna och tempot hölls efter de som kunde bäst och läst kursen för kanske bara ngt år sedan så blev mer som en repetition för dom än för en ny genomgång för ngn som aldrig läst den ibland. Annars var Jonas en bra lärare!

What advice would you like to give to future participants?

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

Plugga mycket

What advice would you like to give to future participants? (I worked: 12-14 timmar/vecka)

Även om du hamnar efter så se till att göra uppgifterna som man fått för dagen innan man börjar plugga ikapp gamla uppgifter.

What advice would you like to give to future participants? (I worked: 15-17 timmar/vecka)

Plugga

What advice would you like to give to future participants? (I worked: 21-23 timmar/vecka)

Plugga med någon, i grupp eller bara två och två så ni kan hjälpa varandra.

What advice would you like to give to future participants? (I worked: 24-26 timmar/vecka)

Halka inte efter

What advice would you like to give to future participants? (I worked: 36-38 timmar/vecka)

Plugga gärnet om man vill klara kursen

Is there anything else you would like to add?

Is there anything else you would like to add? (I worked: 15-17 timmar/vecka)

nej

Is there anything else you would like to add? (I worked: 36-38 timmar/vecka)

Plugga verkligen!



SPECIFIC QUESTIONS

RESPONSE DATA

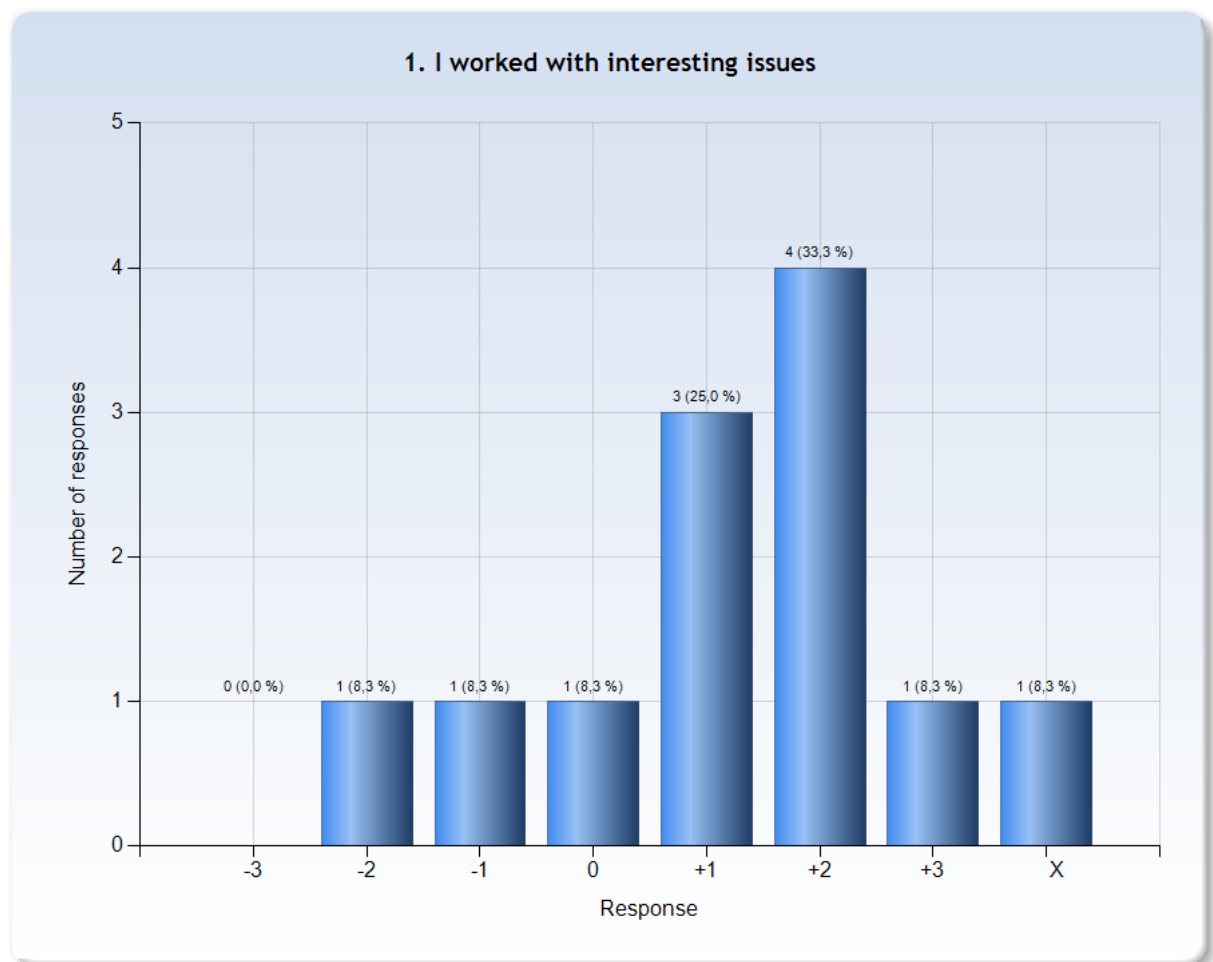
The diagrams below show the detailed response to the LEQ statements. The response scale is defined by:

-3 = No, I strongly disagree with the statement

0 = I am neutral to the statement

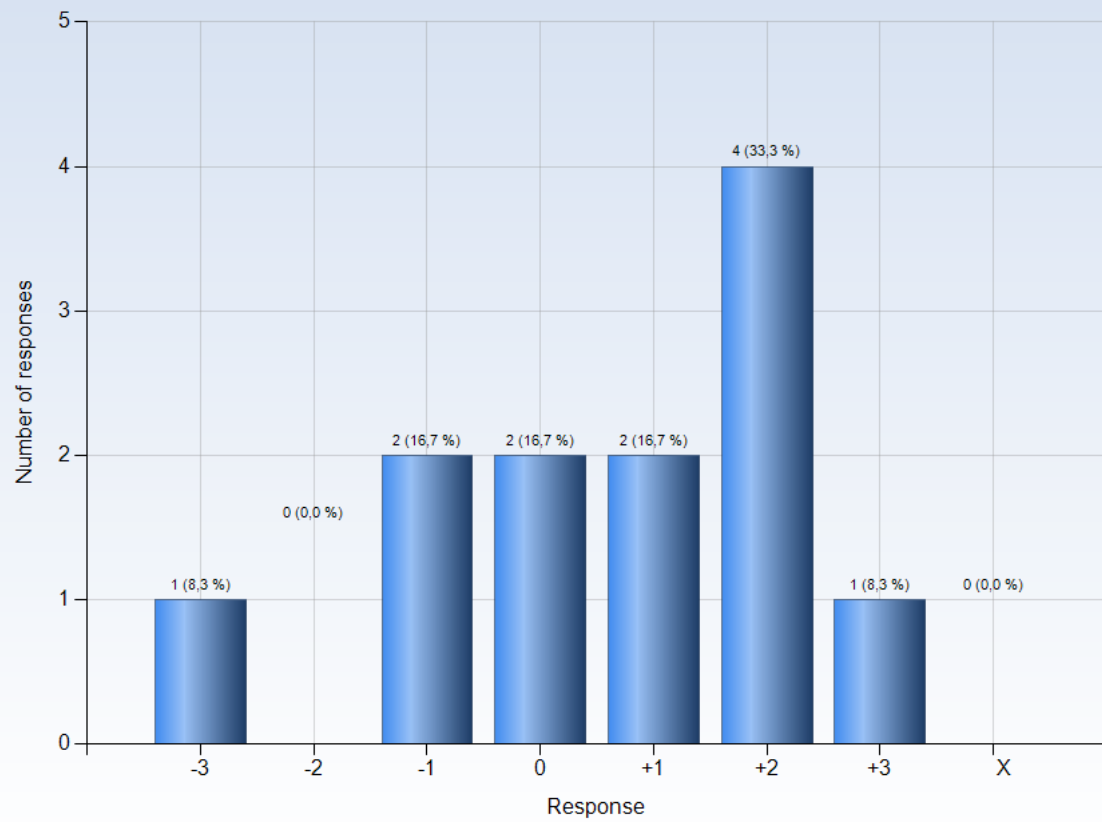
+3 = Yes, I strongly agree with the statement

X = I decline to take a position on the statement



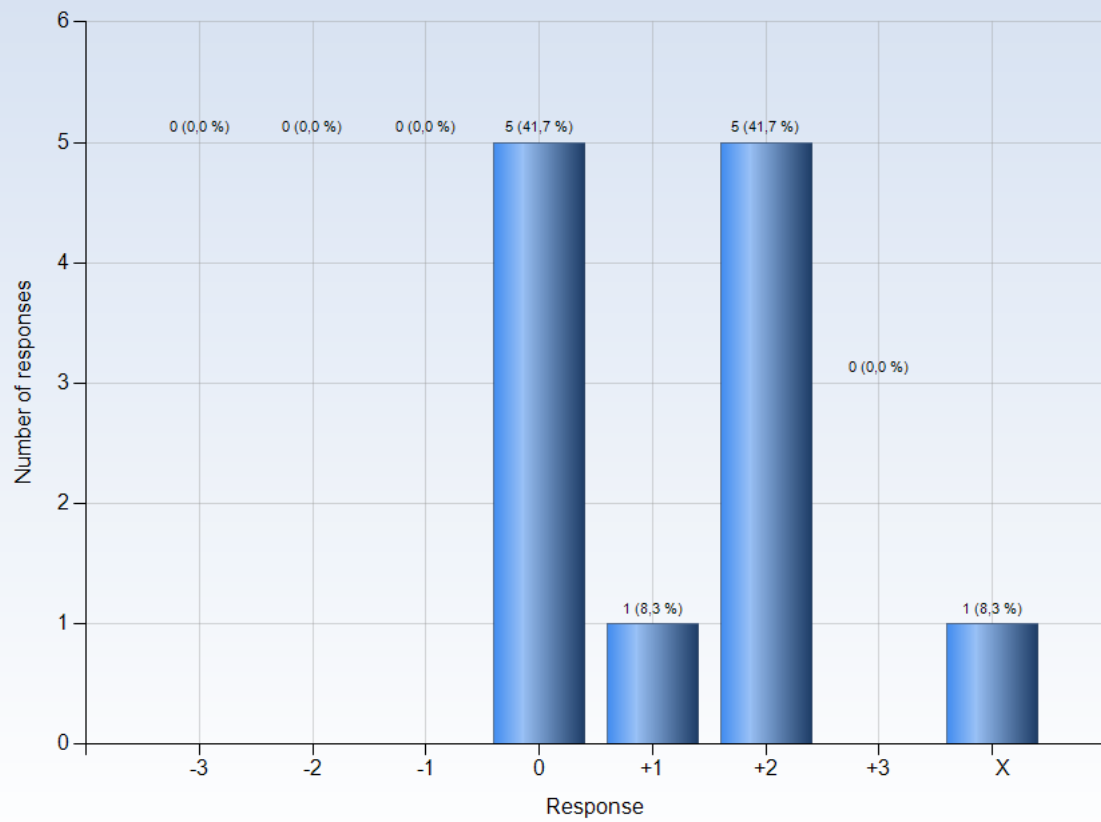
Comments

2. I explored parts of the subject on my own



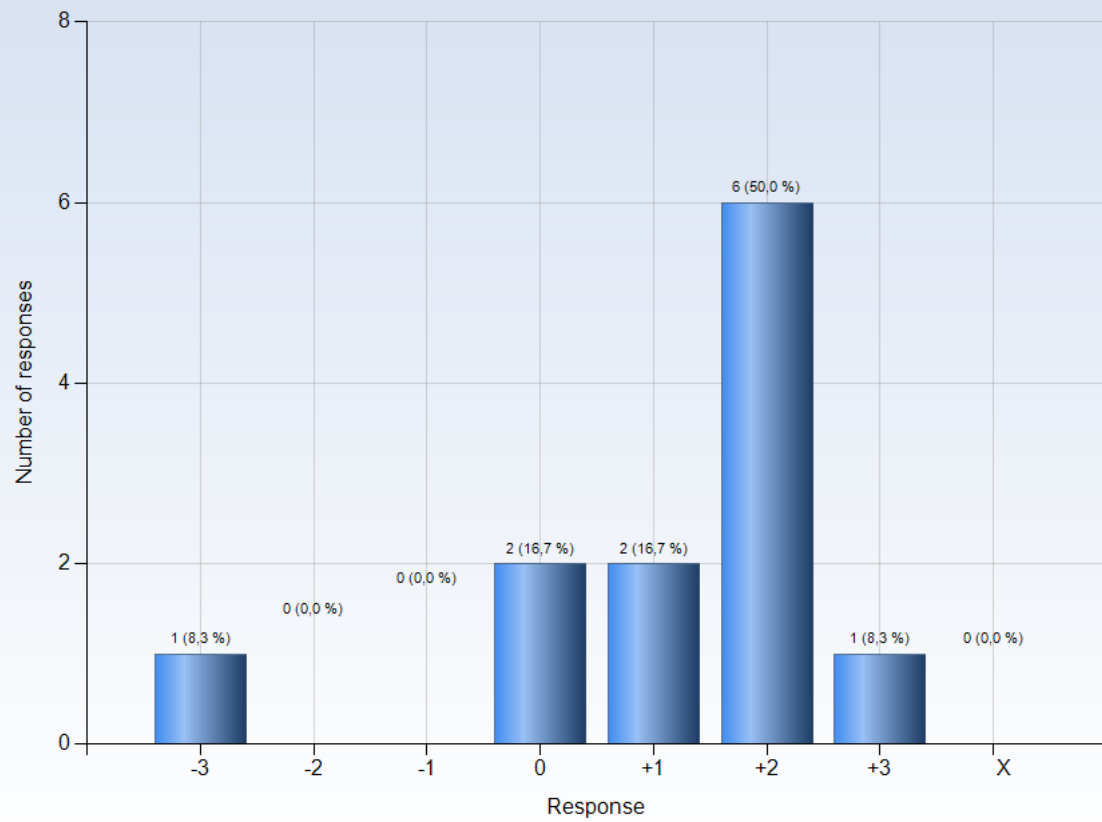
Comments

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



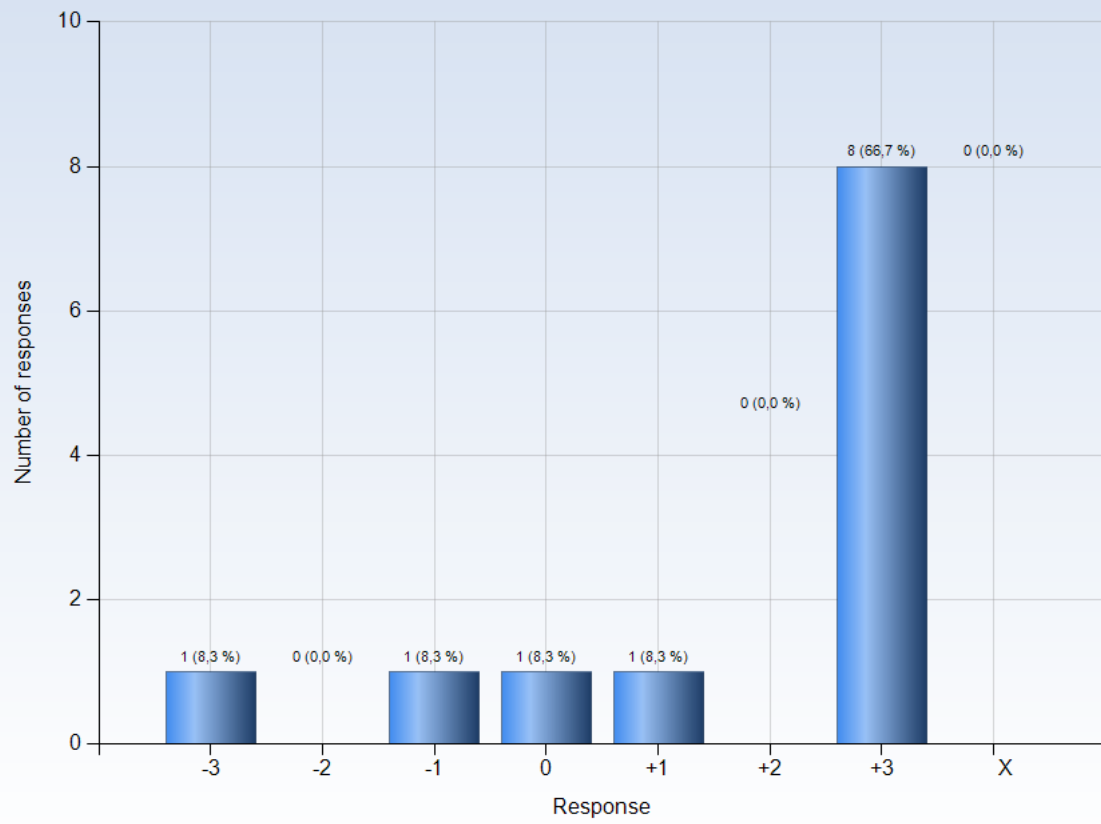
Comments

4. The course was challenging in a stimulating way



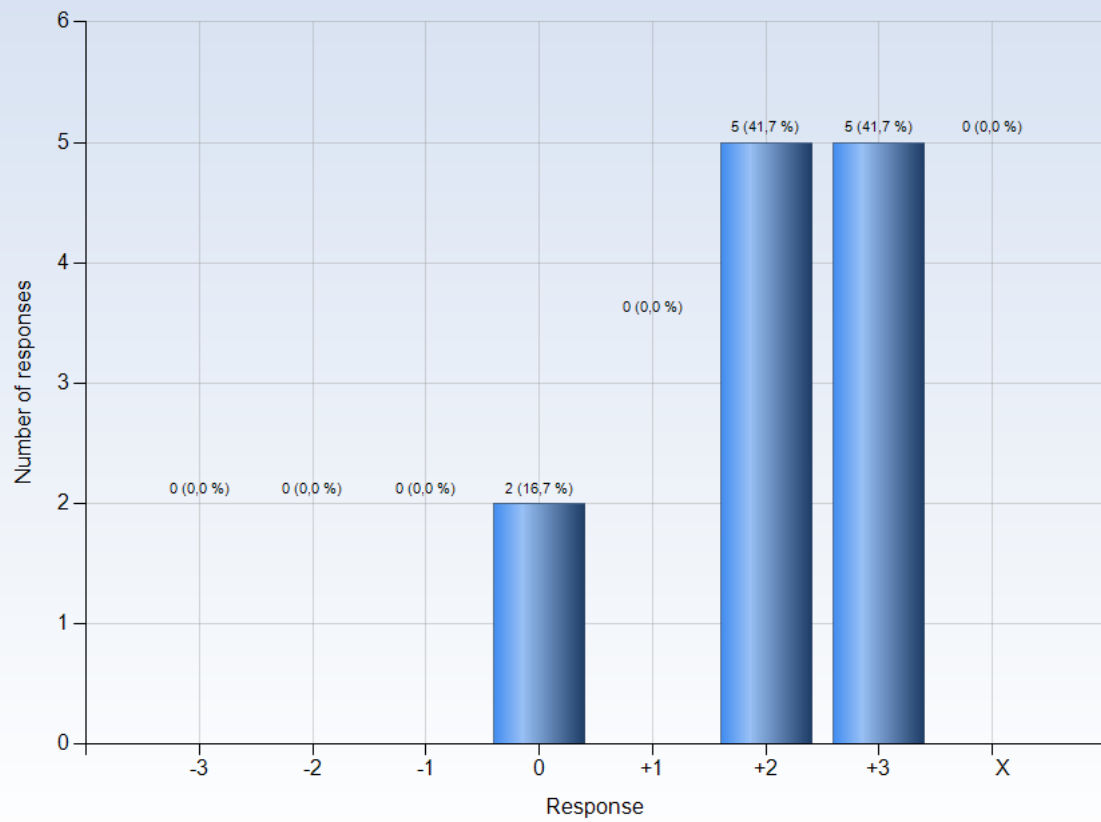
Comments

5. I felt togetherness with others on the course



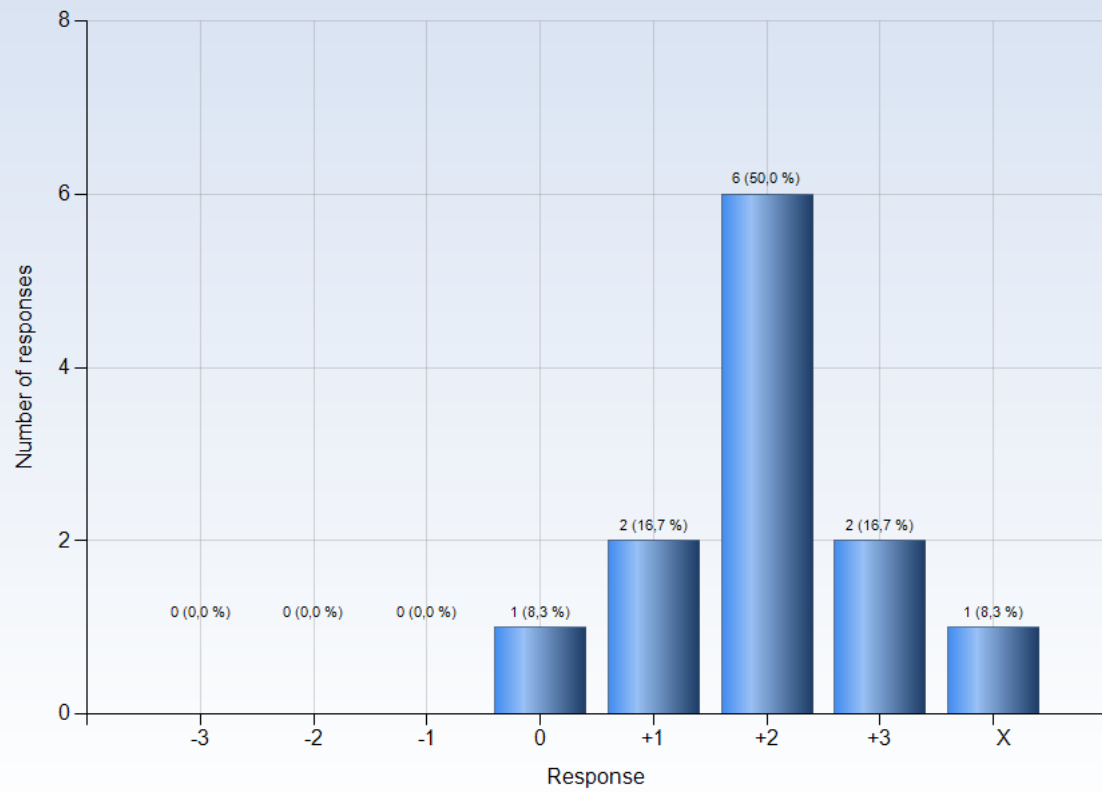
Comments

6. The atmosphere on the course was open and inclusive



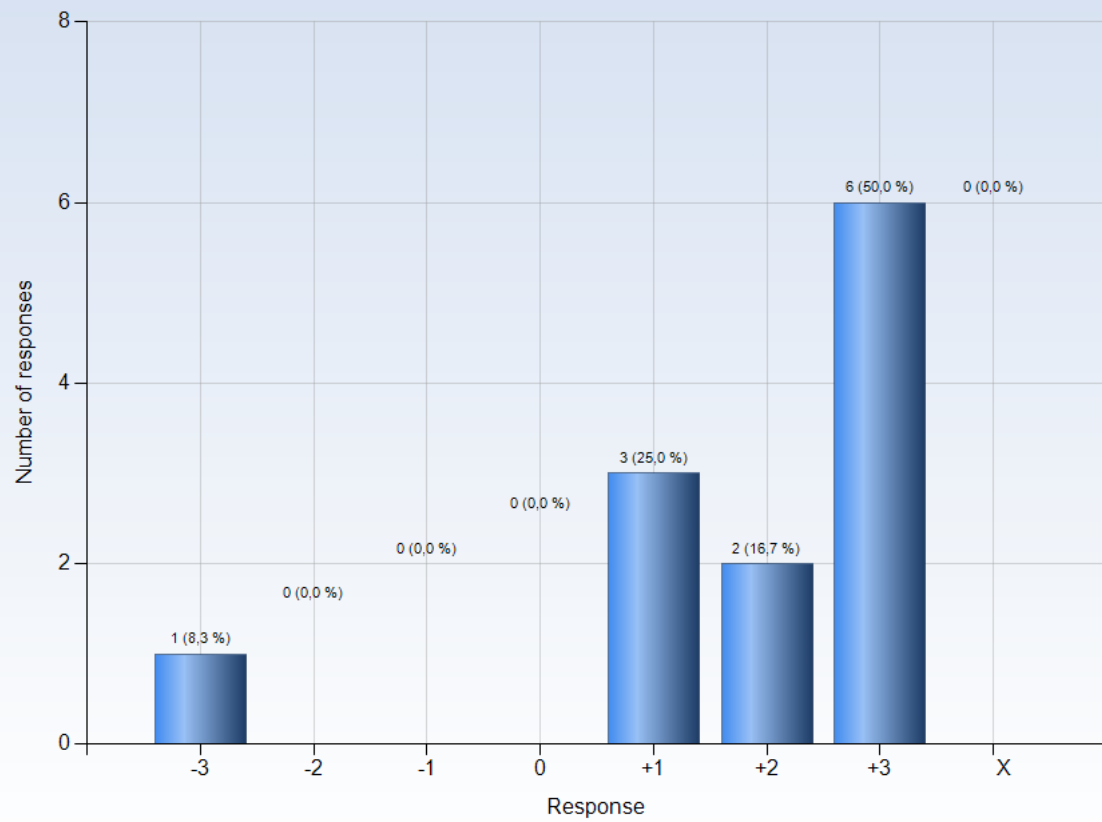
Comments

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



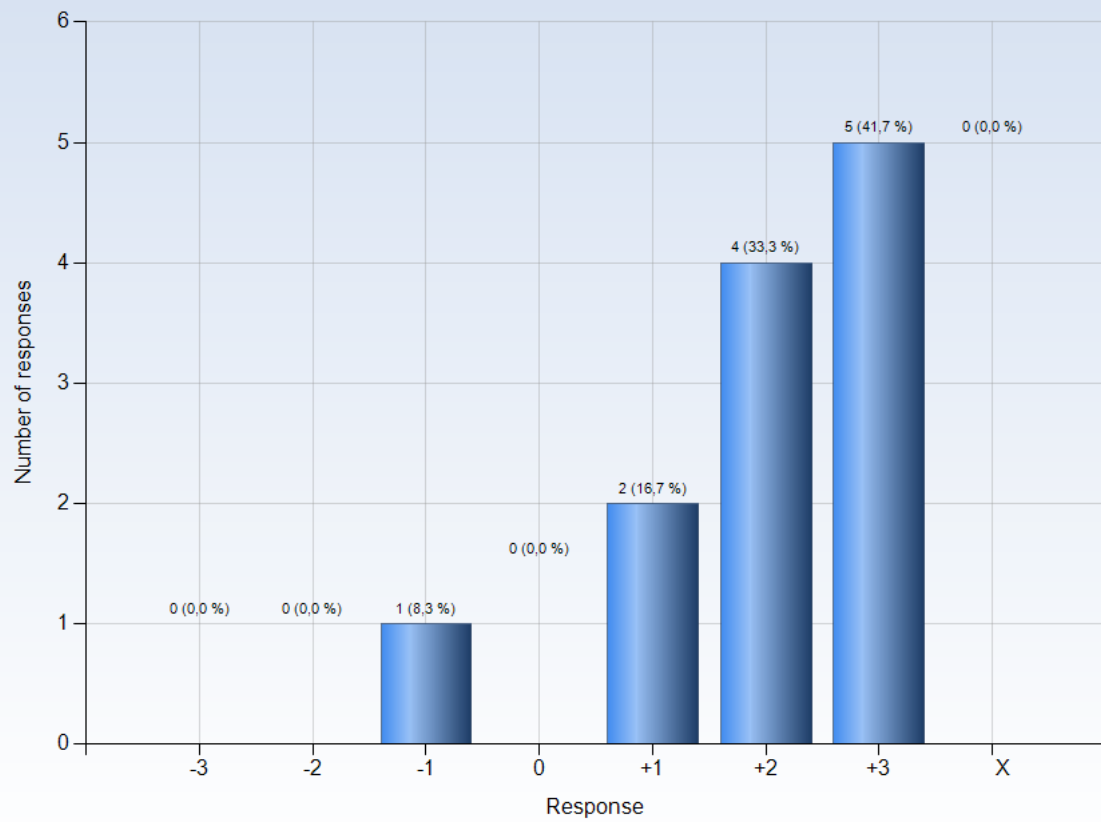
Comments

8. I understood how the course was organized and what I was expected to do



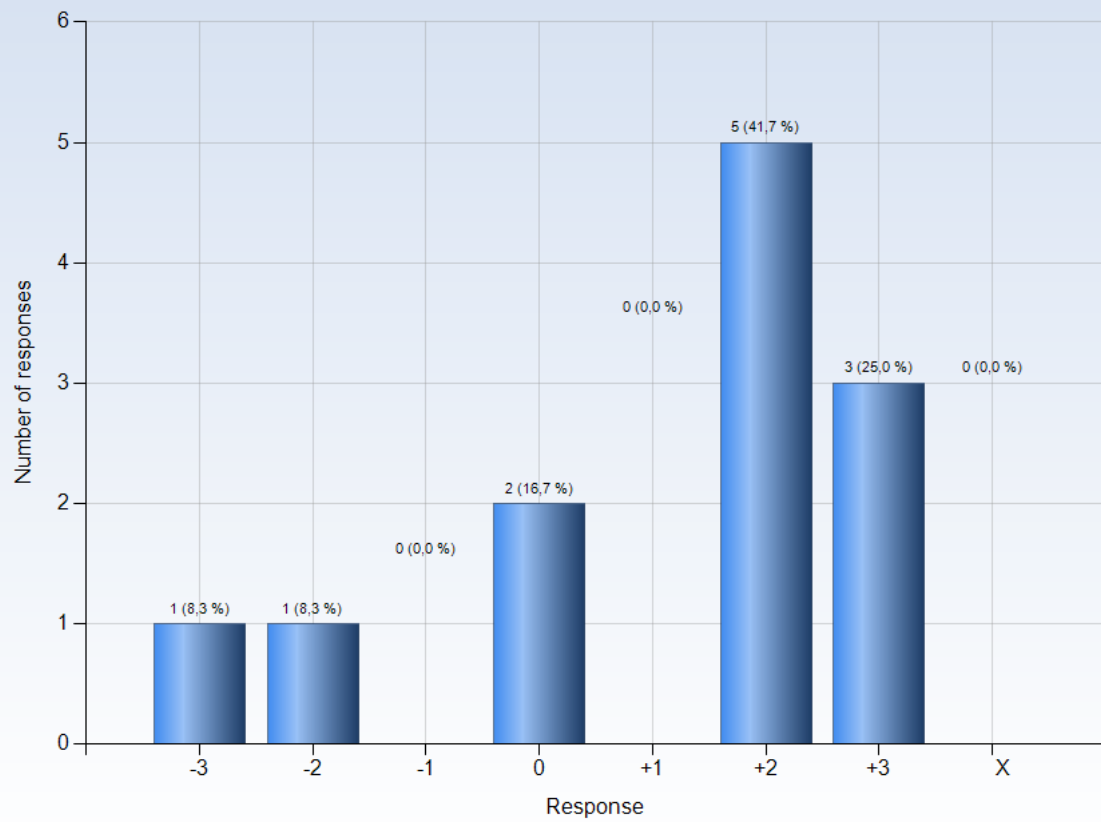
Comments

9. I understood what the teachers were talking about



Comments

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

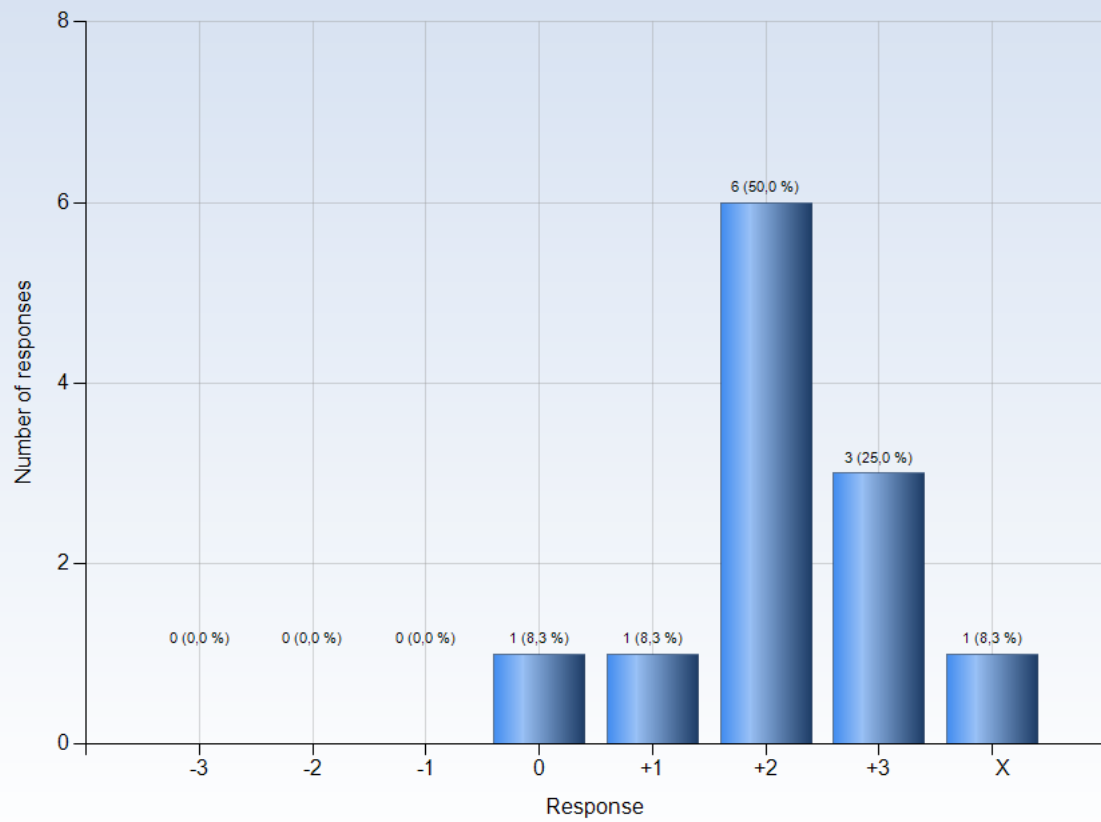


Comments

Comments (My response was: -3)

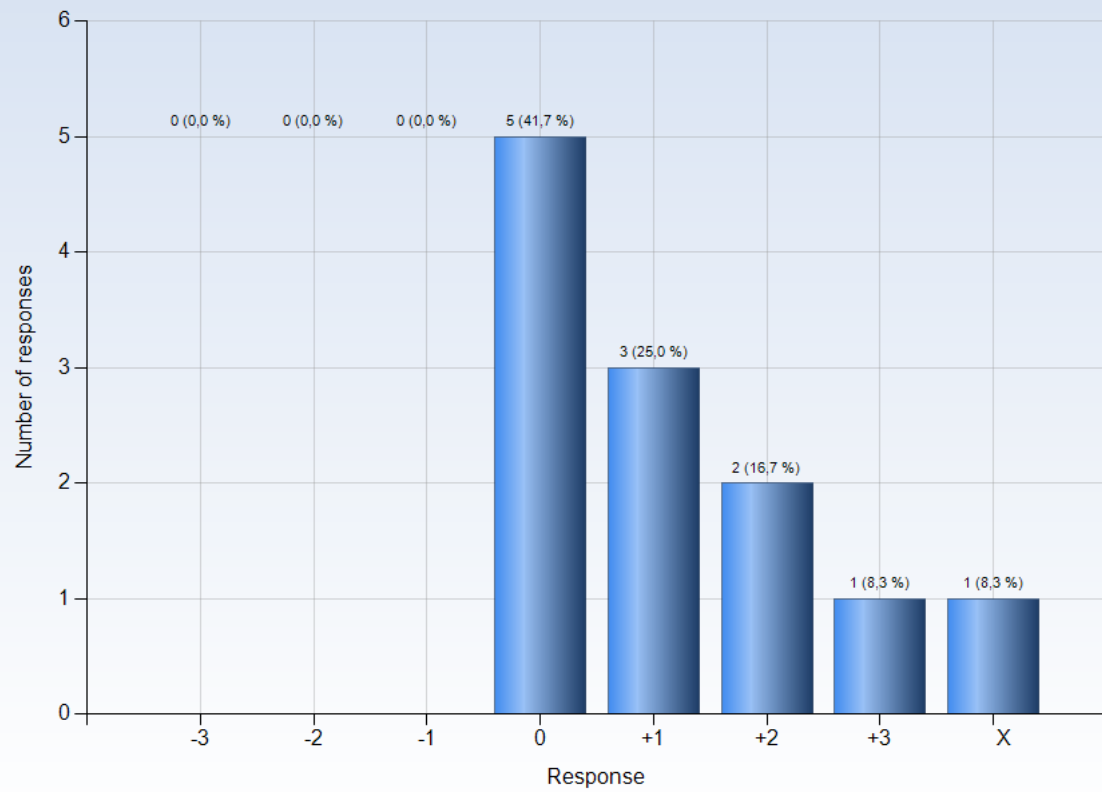
Matte?

11. Understanding of key concepts had high priority



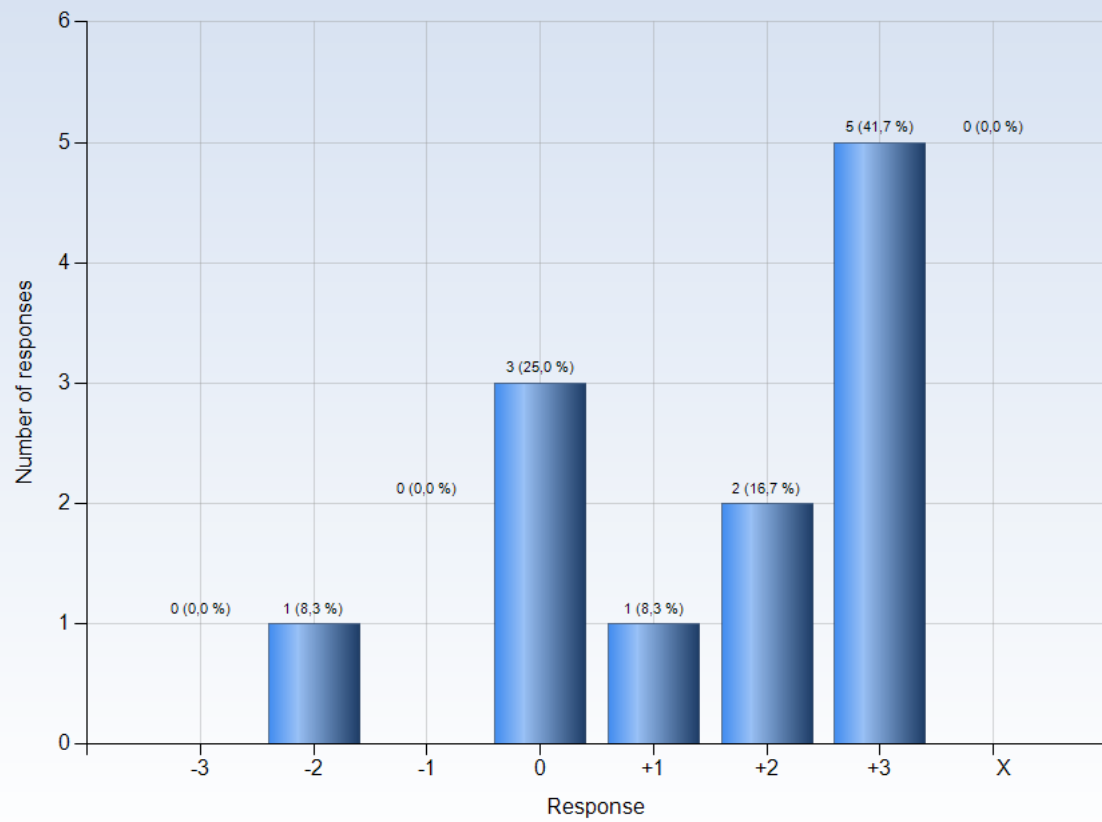
Comments

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



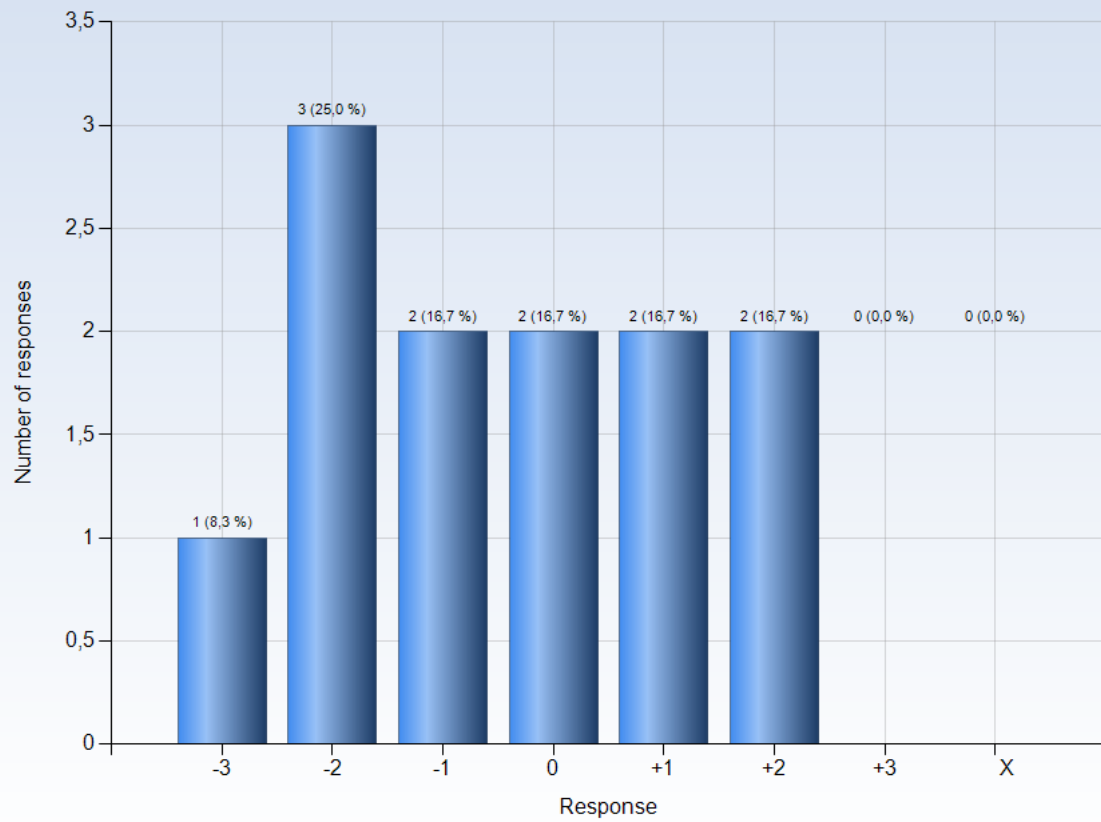
Comments

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



Comments

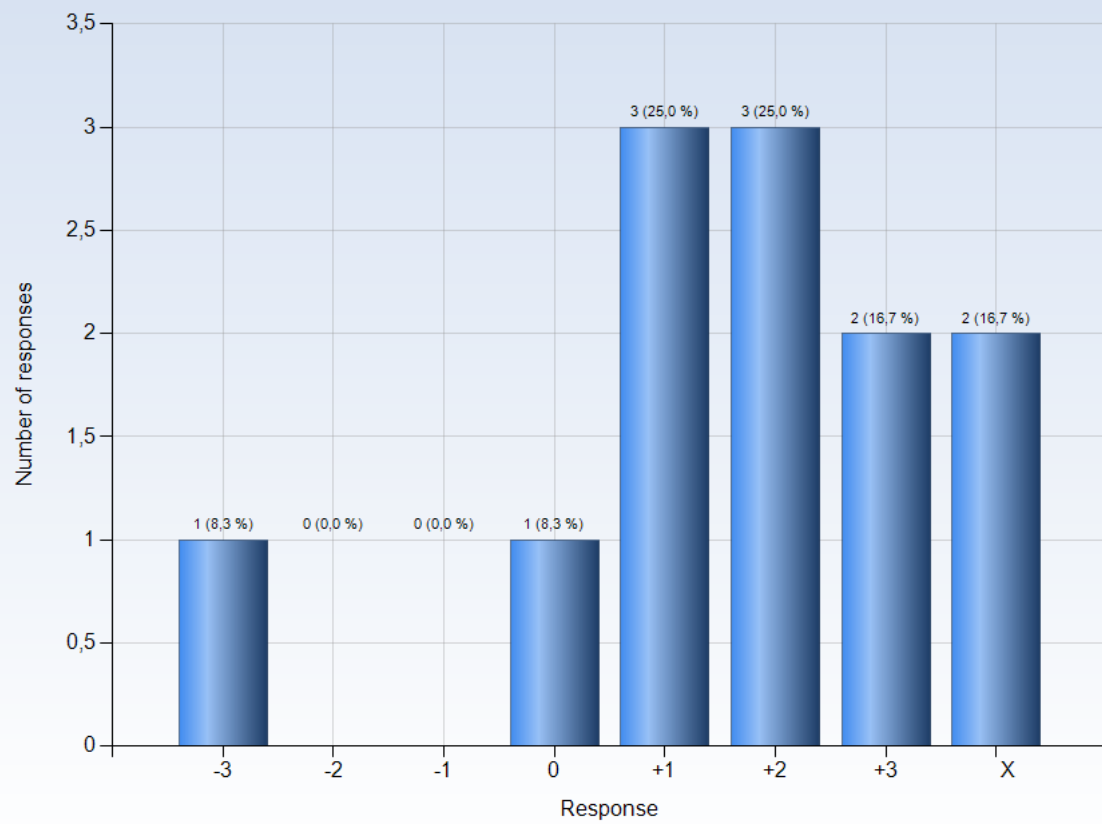
14. I received regular feedback that helped me to see my progress



Comments

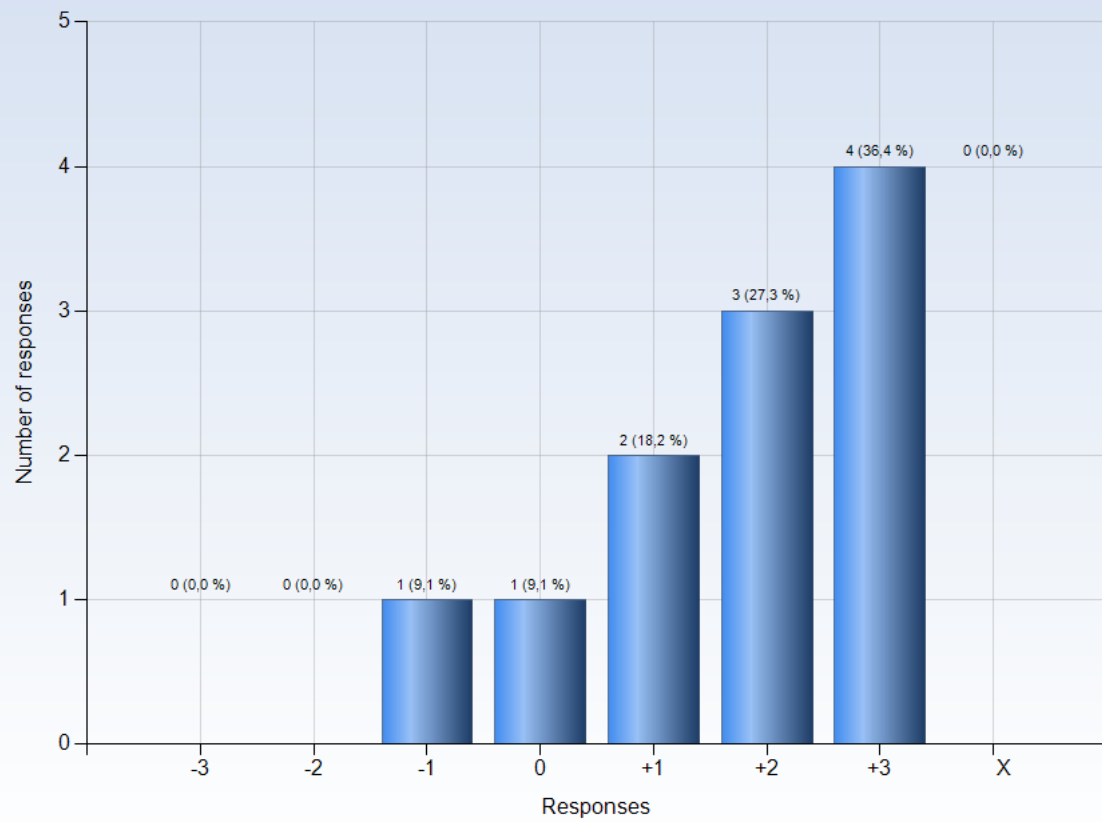
Comments (My response was: -2)
Vi hade en KS efter dom första två veckorna

15. I could practice and receive feedback without being graded



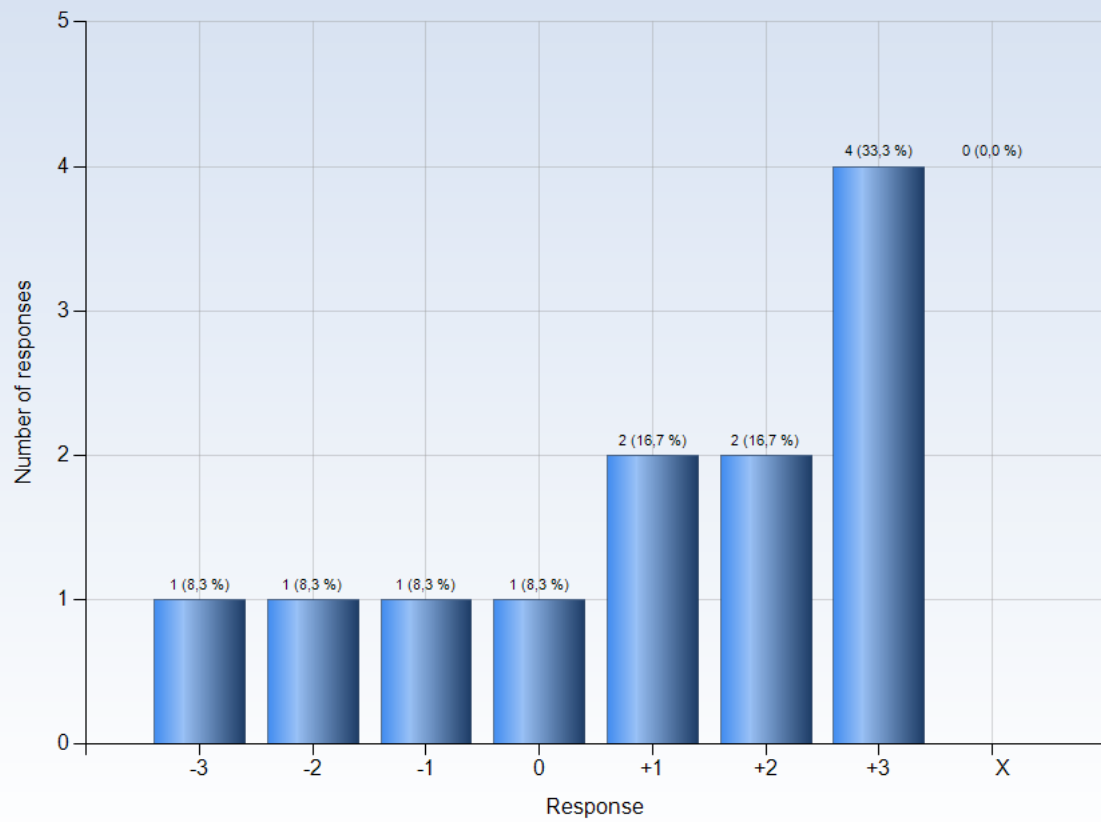
Comments

16. The assessment on the course was fair and honest



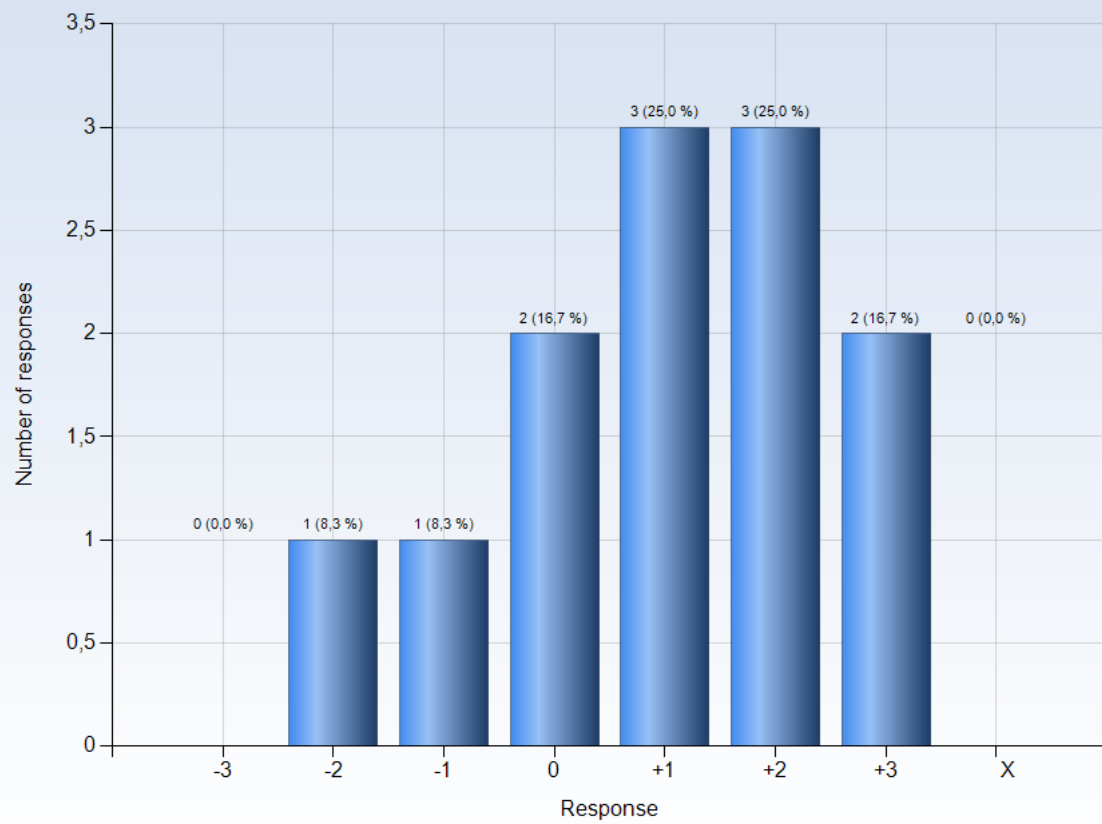
Comments

17. My background knowledge was sufficient to follow the course



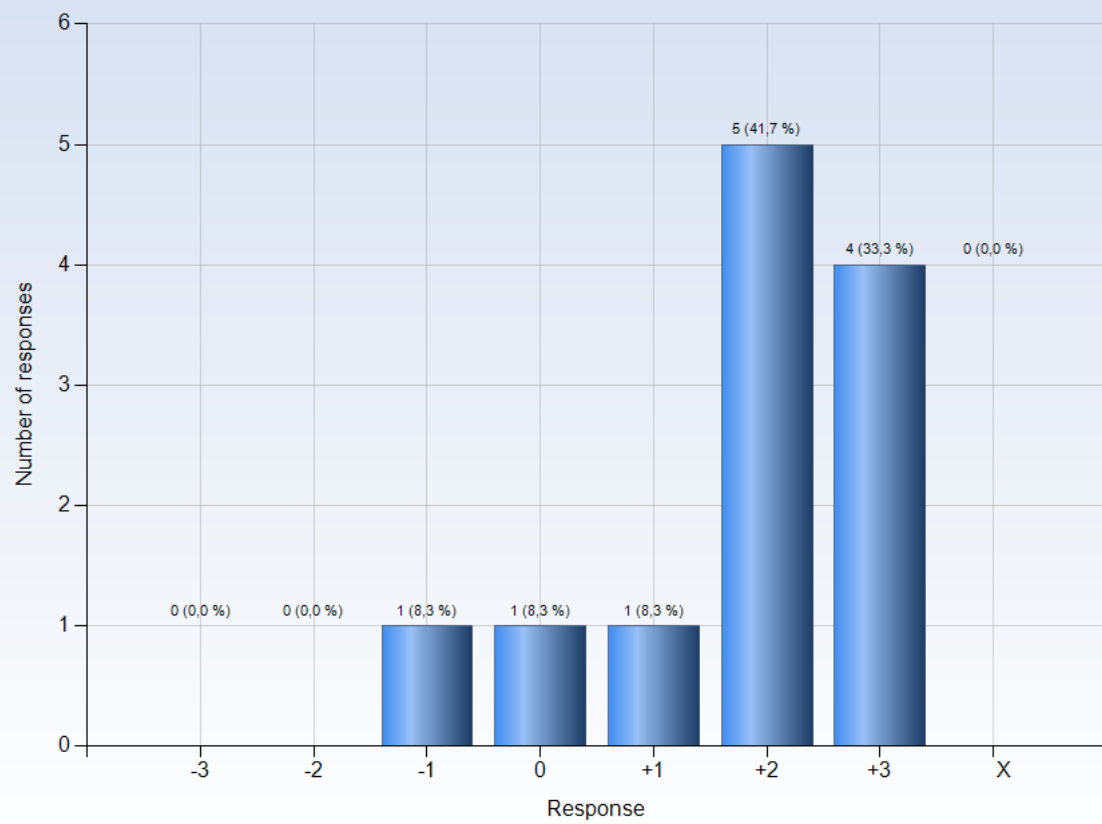
Comments

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



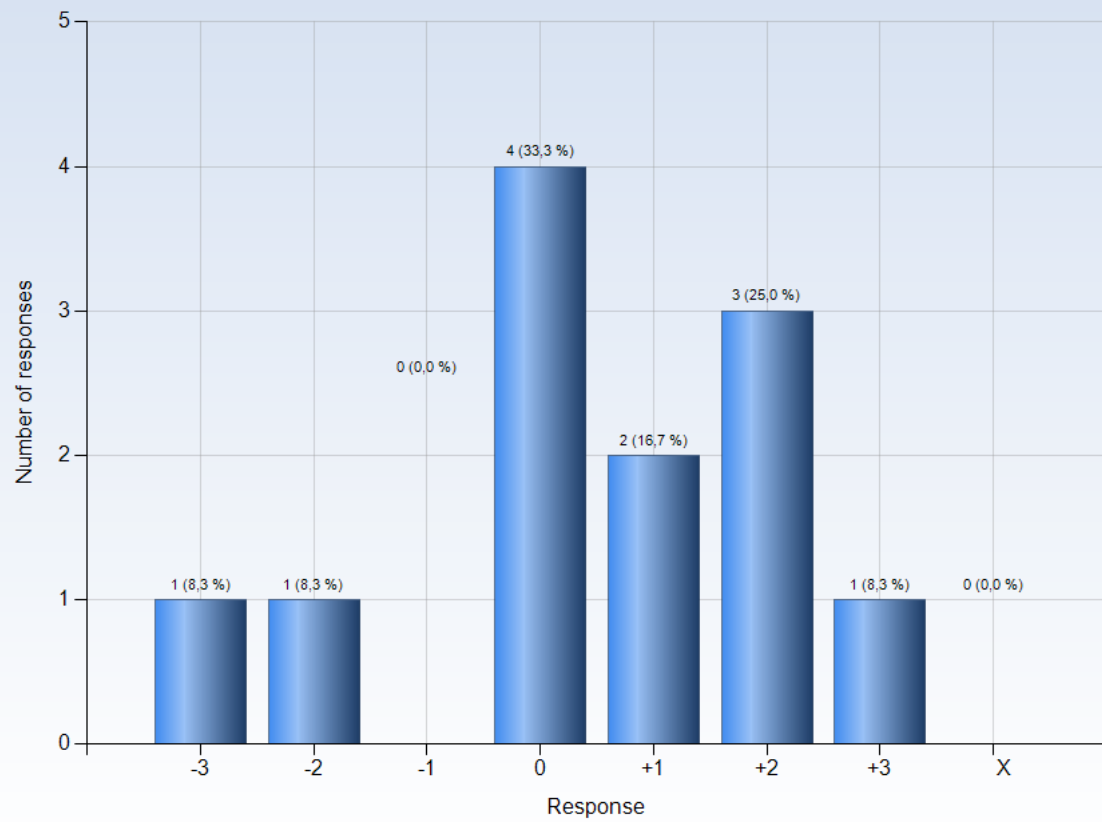
Comments

19. I was able to learn in a way that suited me



Comments

20. I had opportunities to choose what to do

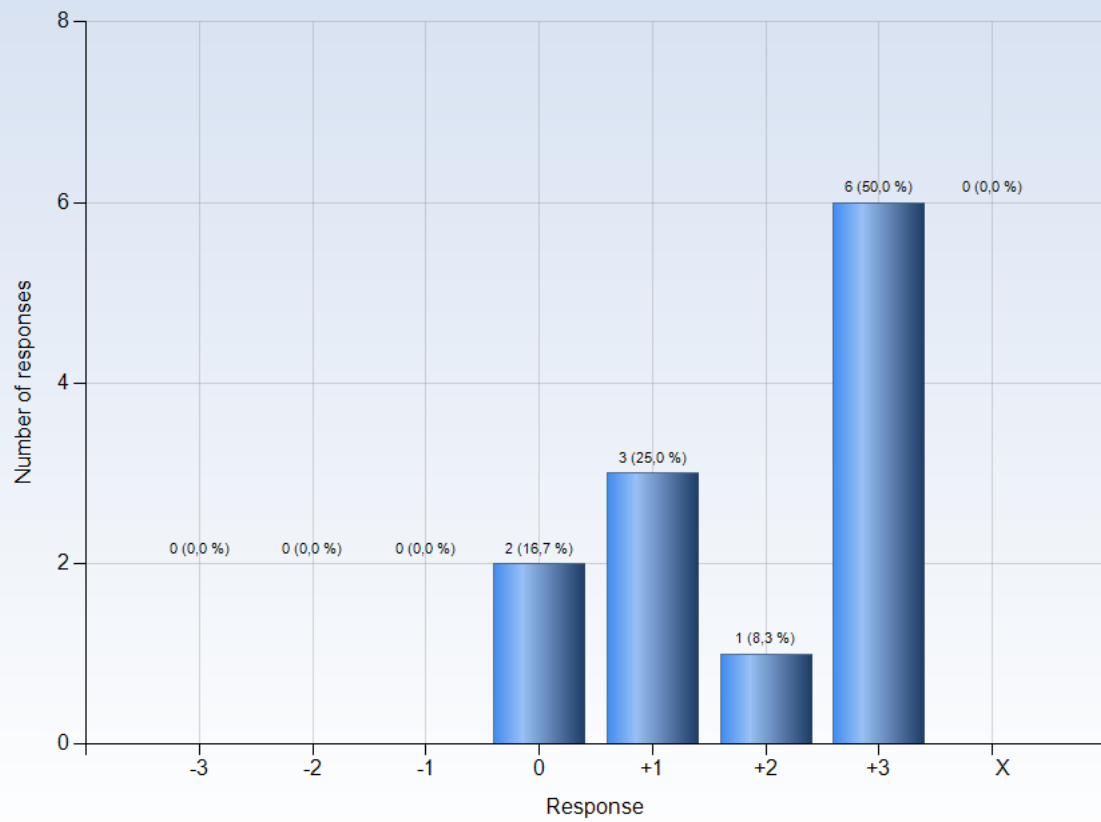


Comments

Comments (My response was: -3)

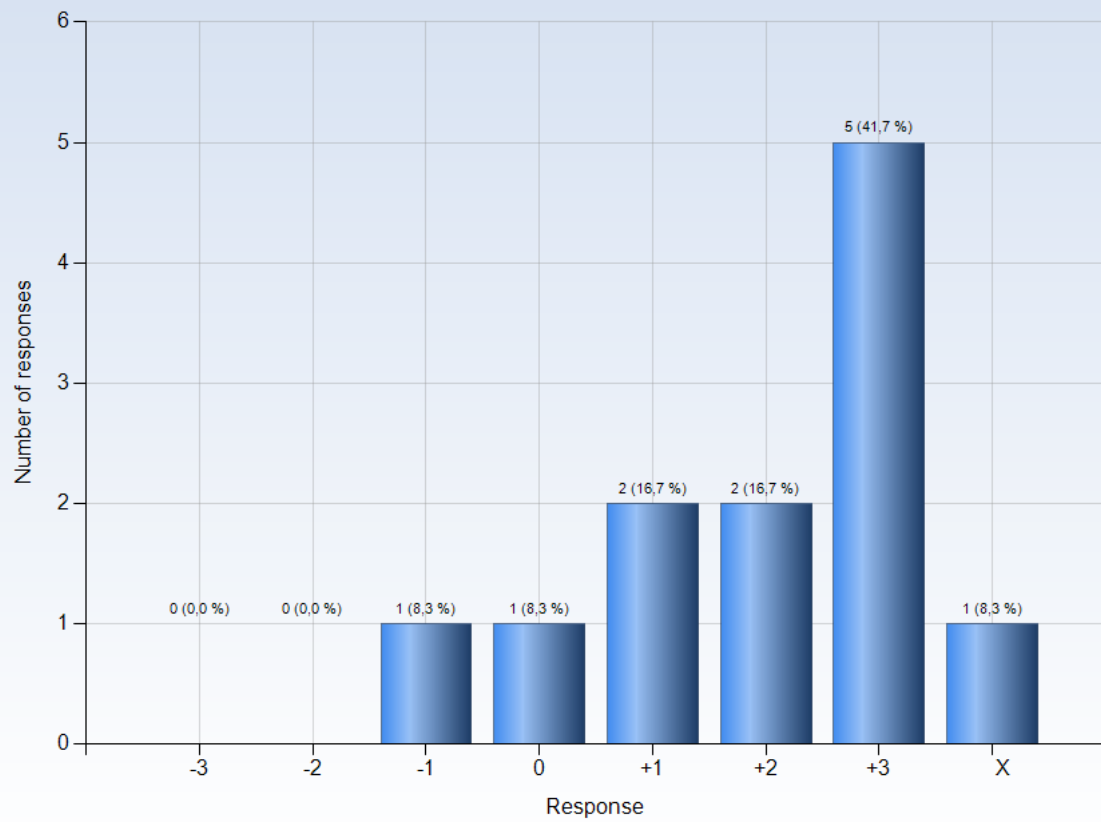
Vi alla följer en planering

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