

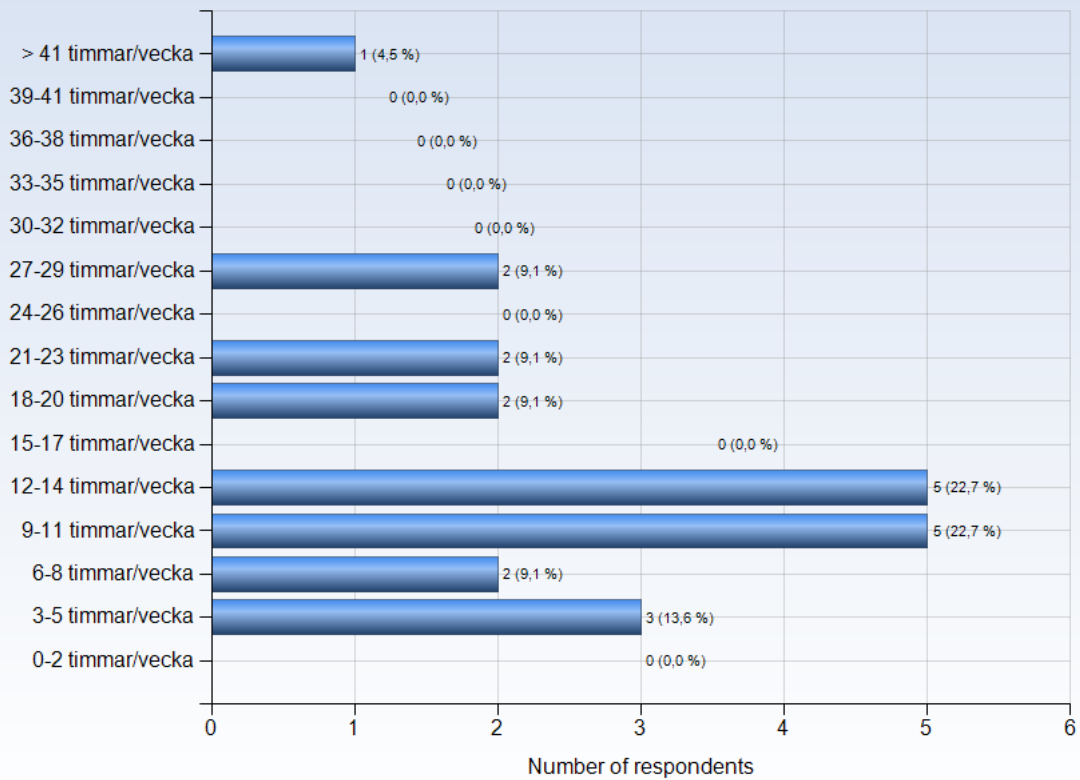


ID2202 - 2017-01-25

Antal respondenter: 47
Antal svar: 23
Svarsfrekvens: 48,94 %

ESTIMATED WORKLOAD

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



Comments

Comments (I worked: 6-8 timmar/vecka)
the week for the exam this almost tripled

Comments (I worked: 9-11 timmar/vecka)
I had to work a lot on this course as the concepts discussed in the course were quite new for me.



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:

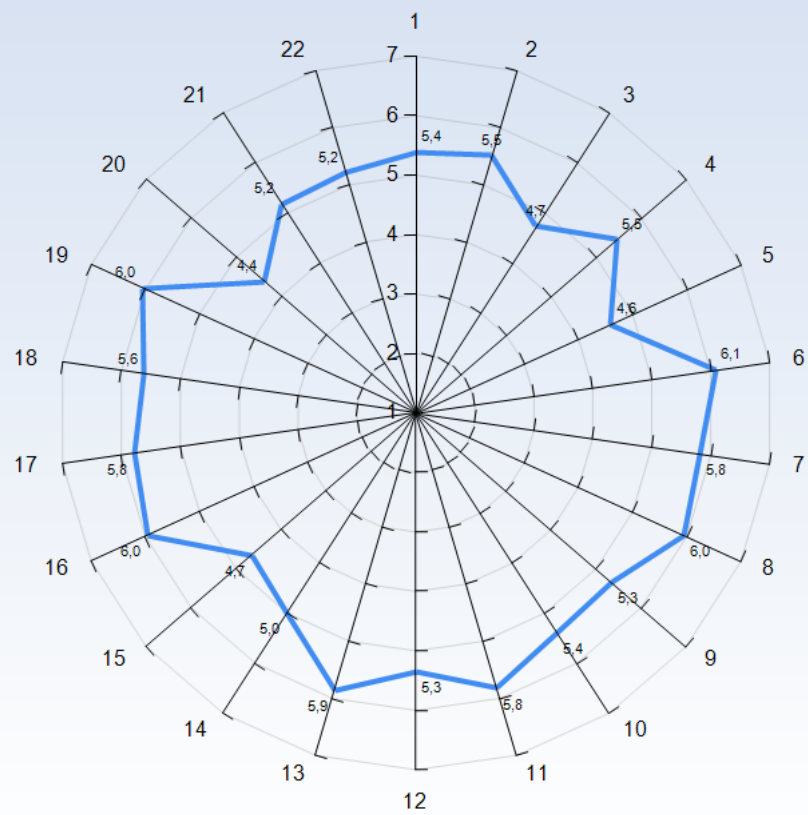
1 = No, I strongly disagree with the statement

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.

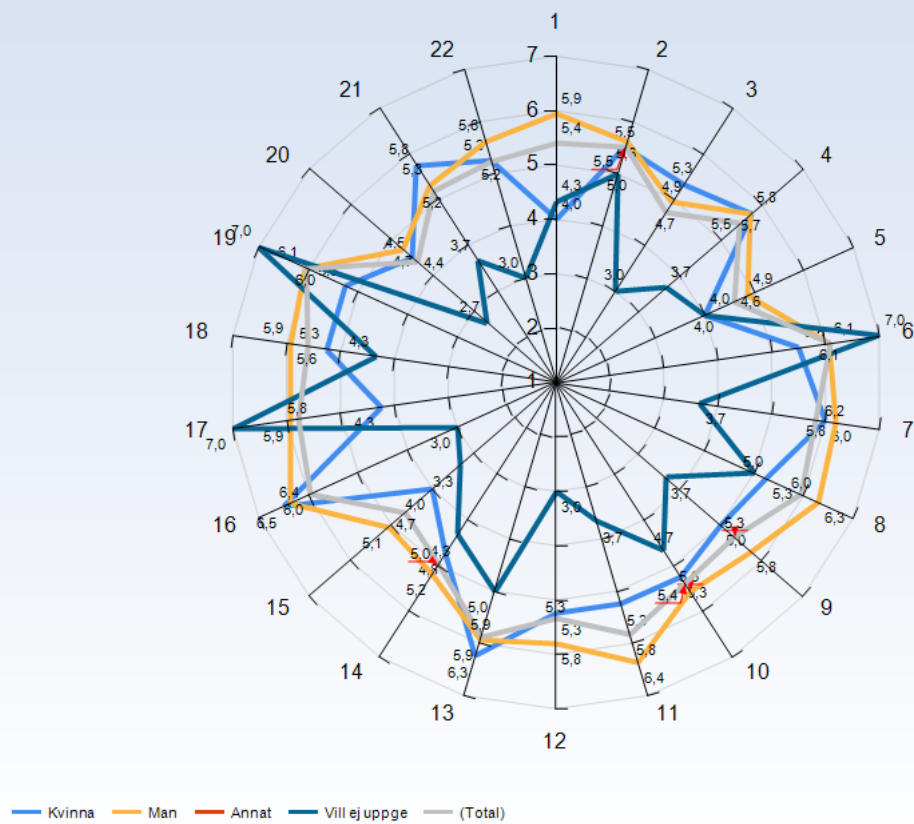
Biggs J. & Tang, C. (2011). *Teaching for Quality Learning at University*, Chapter 6, pp. 95-110. Maidenhead: McGraw Hill.

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.

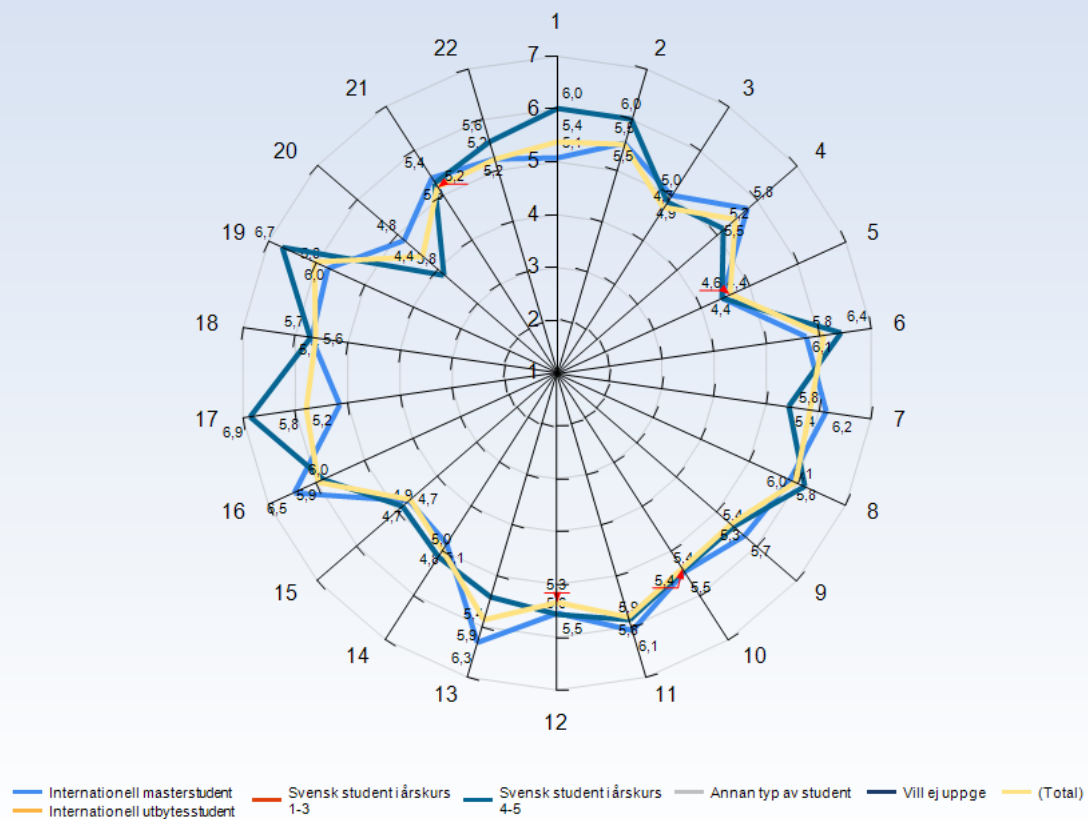
Ramsden, P. (2003). *Learning to Teach in Higher Education*, Chapter 6, pp. 84-105. New York: RoutledgeFalmer.

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: 3-5 timmar/vecka)

I could relate to.

Christian Schulte made great lectures and structured the course well.

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

I really liked the subject in general. The tutorials also helped a lot with being consistent the whole period.

The exercise classes were helpful. Another good thing was the recap of the previous lecture at the start of a lecture

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

its easy to know how to pass the course by given assignments

Professor was nice and helpful

The course structure was clean, the assignments were fairly difficult (not too easy but feasible). The tutorials covered exactly what we learned in the lectures.

We learned about the whole compiling process, and even if we didn't didn't implement anything, we have a good understanding of all the parts of the domain.

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

Good lectures and tutorial sessions.

What was the best aspect of the course? (I worked: 18-20 timmar/vecka)

Having such a passionate lecturer

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

The teacher was clearly very interested in the subject!

Tutorials and Lectures are really good since the professor and assistant are very patient. They gave nice speech.

What was the best aspect of the course? (I worked: 27-29 timmar/vecka)

Having assignments were very good since I learned better that way.

What was the best aspect of the course? (I worked: > 41 timmar/vecka)

The teacher was nice



What would you suggest to improve?

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

I would suggest for the labs to be compulsory

Garbage collection could have been given a little bit more time.

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

I think committing an entire lecture to go through the 4 different parsers (LL, LR(0), SLR, LALR and LR(1)) and explain the differences with examples would have been great.

It would also be have been to have at least a small implementation of the 4 different parsers. Perhaps an interpreter for algorithmic expressions?

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

hope concepts can be given by a more vivid way

Please change off the TA. Even though PhD students has sufficient knowledge to teach, does not mean they are good at teaching.

Also, I hope the professor stop answering "too much" questions from the students. Sometimes it is more important to continue with the topic for other students than those who likes to interrupt.

Sometimes, at the beginning of the lectures the summary of the previous learned subjects took a lot of time and were unnecessarily long in my opinion.

Some programming tasks where we implement part of a compiler would be nice.

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

The optional lab is great, but there could have been some incentive to complete it. Now it got very low priority because of all the other requirements.

More training material

What would you suggest to improve? (I worked: 18-20 timmar/vecka)

Show feedback on assignments

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

Sometimes the examples were hard to understand

Maybe it could contains some concrete implementation using JAVA.

What would you suggest to improve? (I worked: > 41 timmar/vecka)

More relevant toturials insted of useless



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)

Stay active throughout the whole course.

Understand the theory behind things instead of just making the exercises

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

do homework by yourself

Use GraphViz to draw complicated graphs! It will be very useful!

Maybe the teacher could himself recommend some tools for the assignments.

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

Do the lab if you have time. You will learn some practical skills in the process.

What advice would you like to give to future participants? (I worked: 18-20 timmar/vecka)

Read select chapters of the book

Every lecture, refresh your understanding of where in the compiler pipeline you currently are discussing about

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

Do the assignments before going to exercises

Pay attention to lectures and tutorials.

What advice would you like to give to future participants? (I worked: 27-29 timmar/vecka)

To take your time during the assignments, since they helped me alot with the final exam.

It is better to have some prior knowledge before starting the course.

What advice would you like to give to future participants? (I worked: > 41 timmar/vecka)

Easier to learn from Internet rather than from the cours

Is there anything else you would like to add?

Is there anything else you would like to add? (I worked: 6-8 timmar/vecka)

Nope.

Is there anything else you would like to add? (I worked: 9-11 timmar/vecka)

no

Make sure to go to the last lecture regarding virtual machine. Since there is absolutely no material at all to read beside the slides that's rather dry.

Overall one of my best courses so far! I learned about interesting topics, well explained and the requirements were fairly sized.

Is there anything else you would like to add? (I worked: 18-20 timmar/vecka)

Great course

Is there anything else you would like to add? (I worked: 21-23 timmar/vecka)

GOOD

Is there anything else you would like to add? (I worked: > 41 timmar/vecka)

Correctness of exam sucks

SPECIFIC QUESTIONS



RESPONSE DATA

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

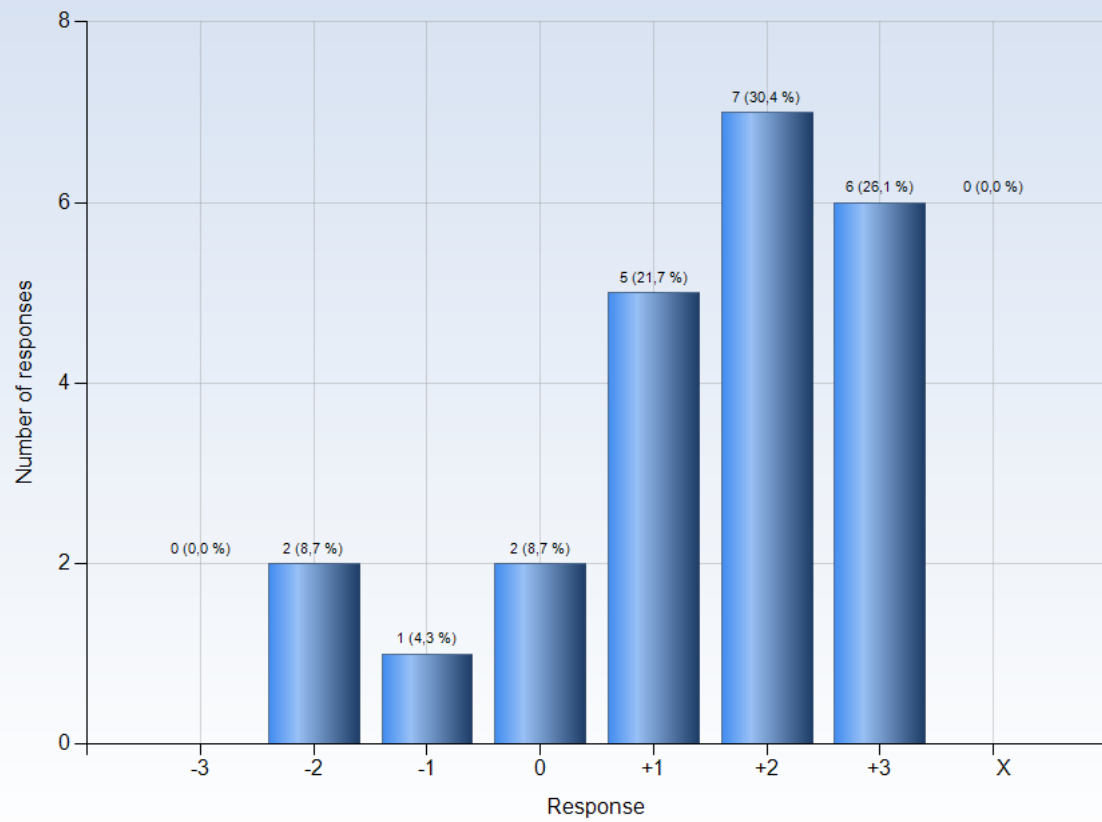
-3 = No, I strongly disagree with the statement

0 = I am neutral to the statement

+3 = Yes, I strongly agree with the statement

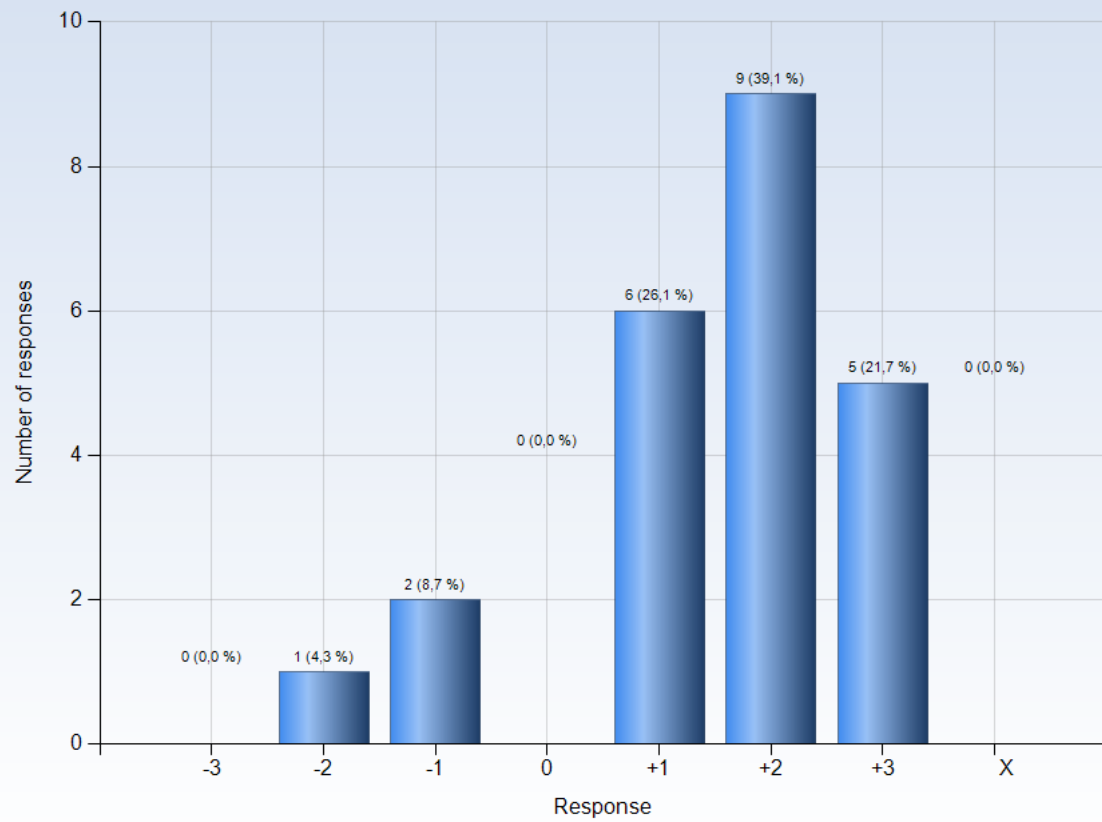
X = I decline to take a position on the statement

1. I worked with interesting issues



Comments

2. I explored parts of the subject on my own

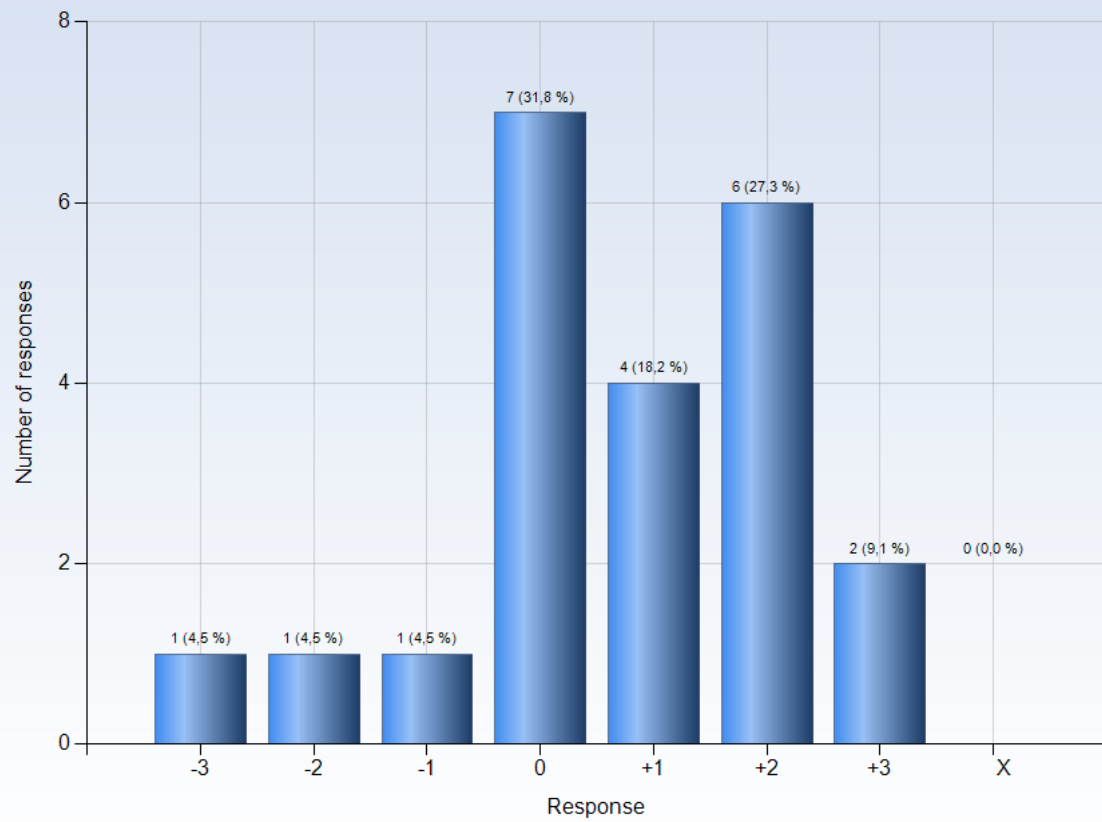


Comments

Comments (My response was: +3)

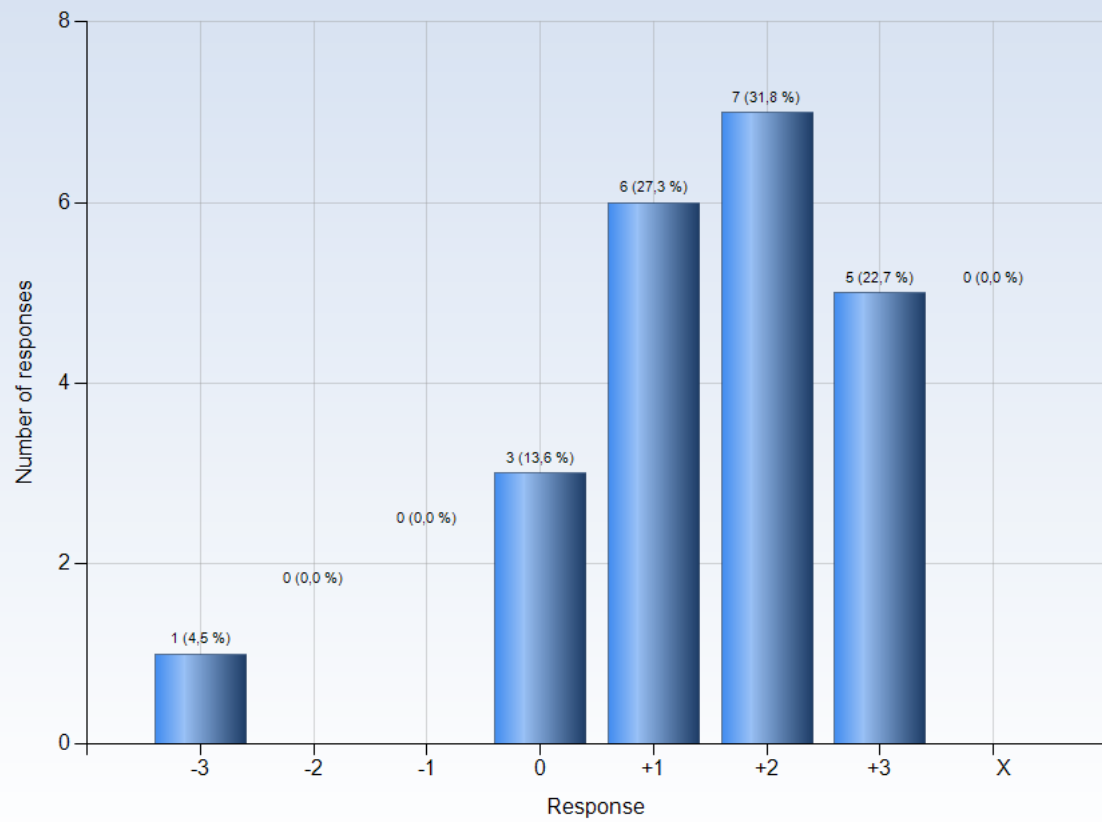
I learned nothing from the course literature nor lectures b

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



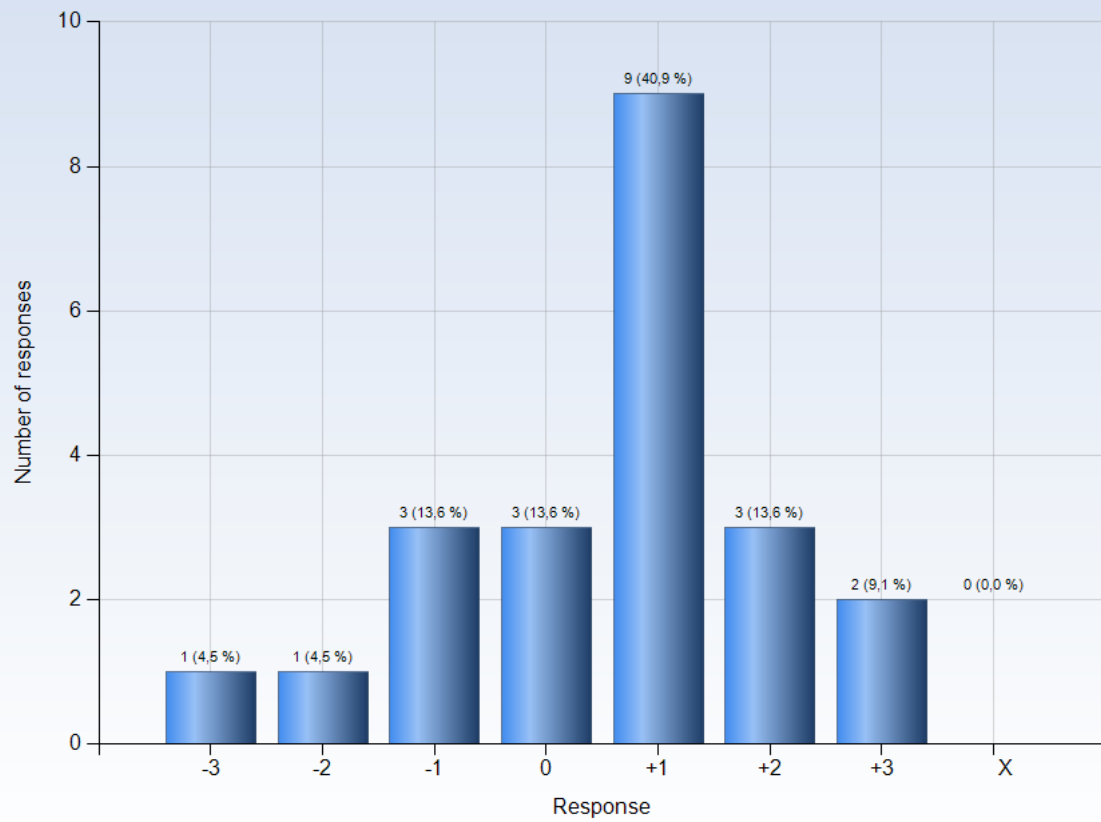
Comments

4. The course was challenging in a stimulating way



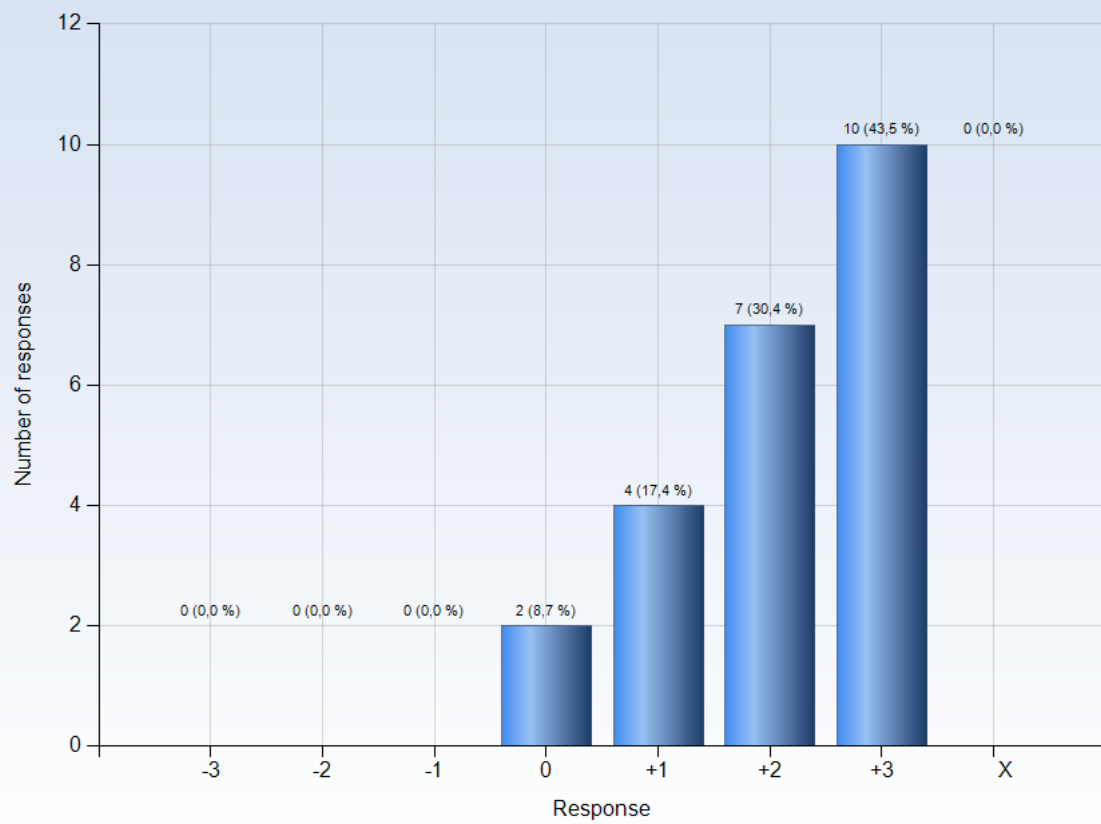
Comments

5. I felt togetherness with others on the course



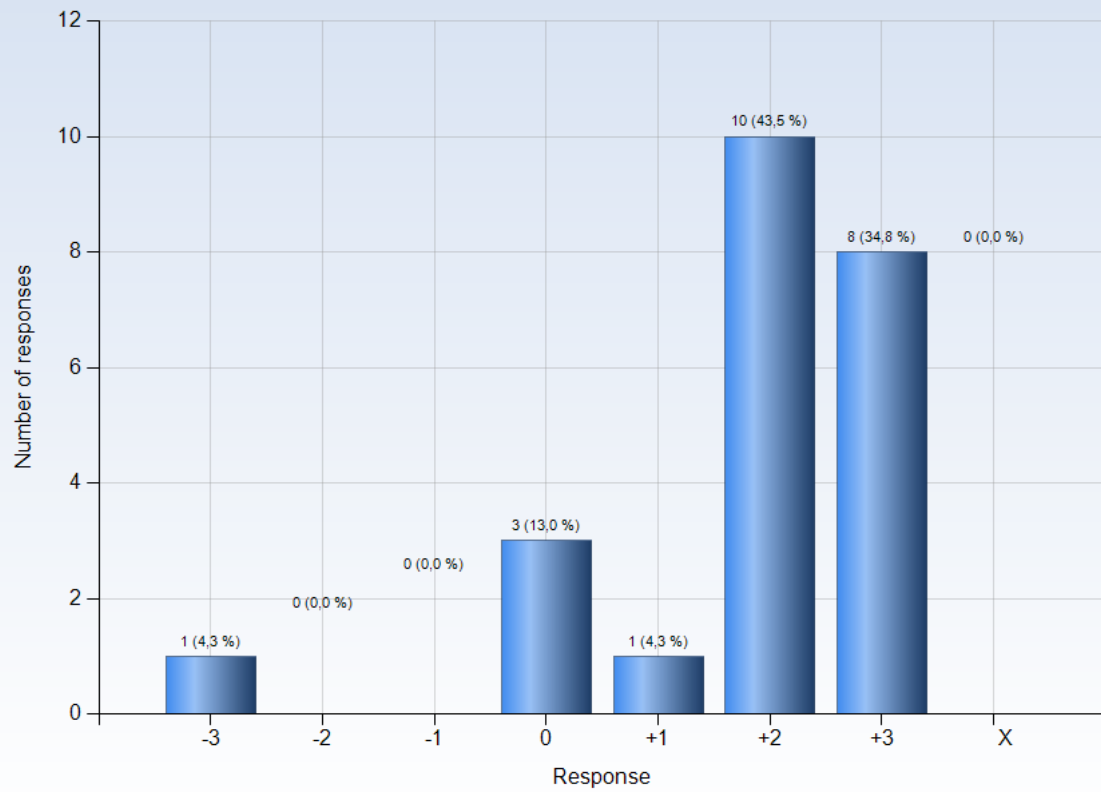
Comments

6. The atmosphere on the course was open and inclusive



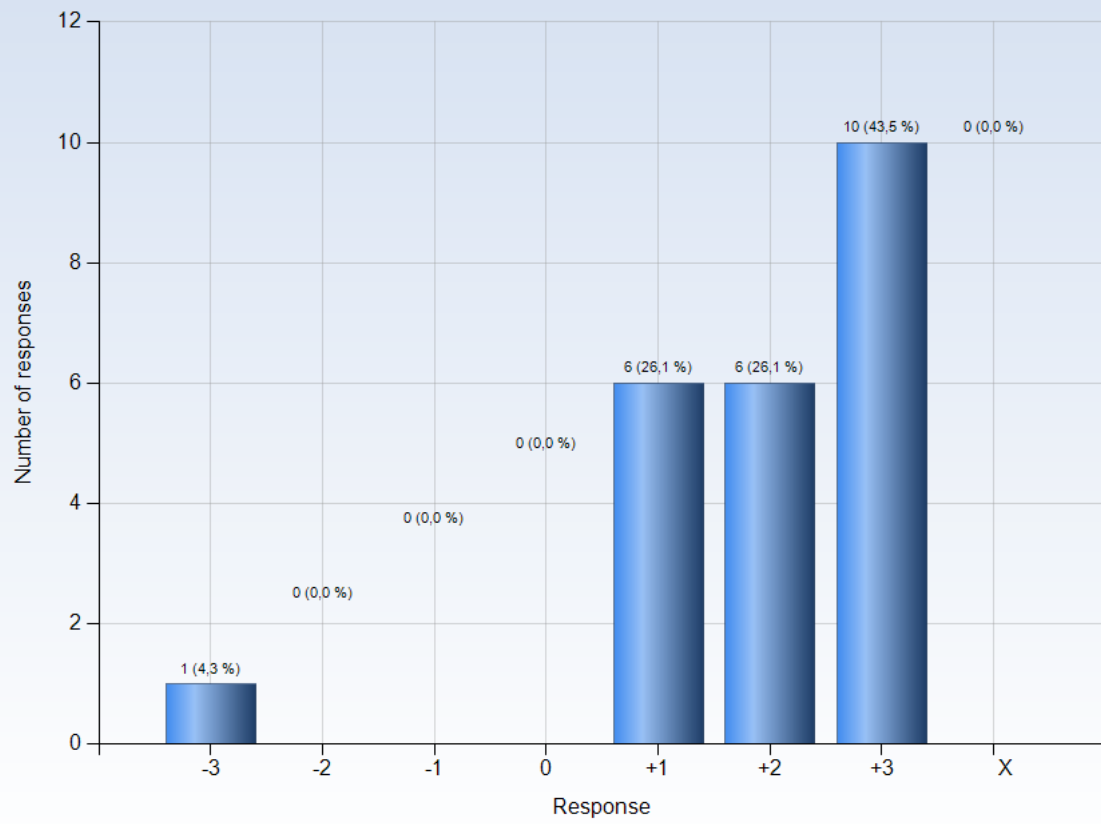
Comments

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



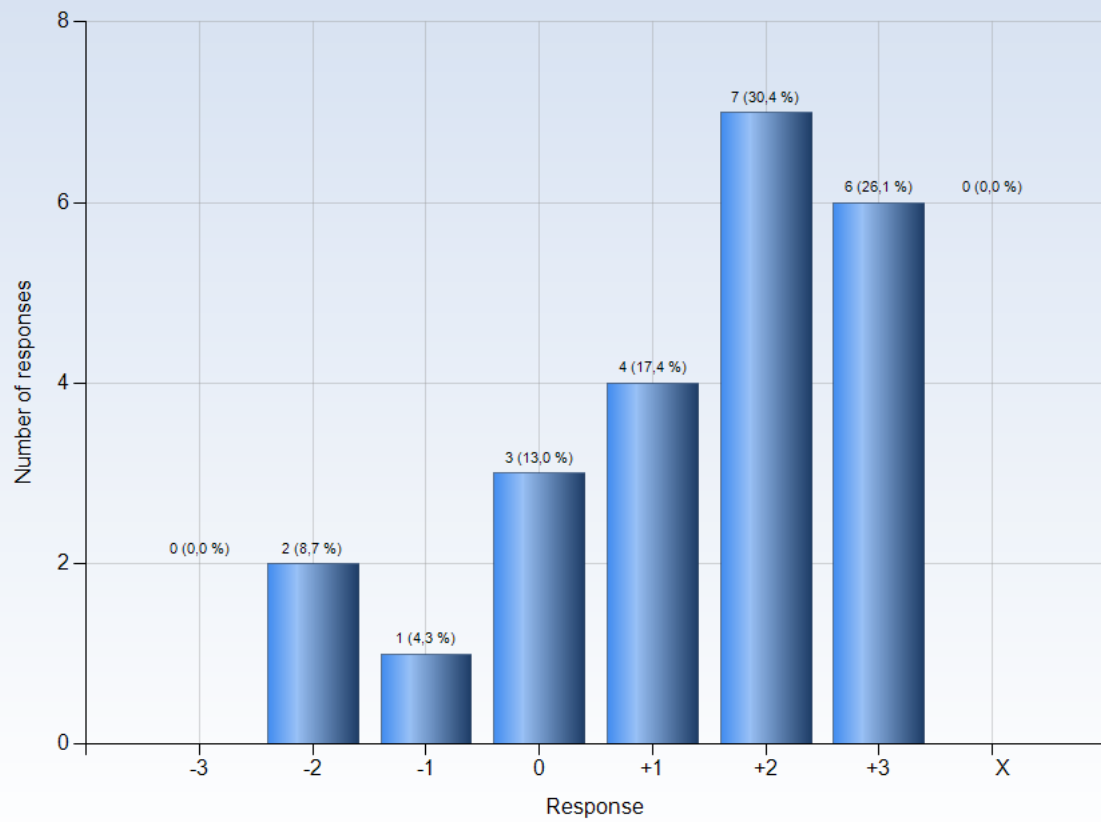
Comments

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

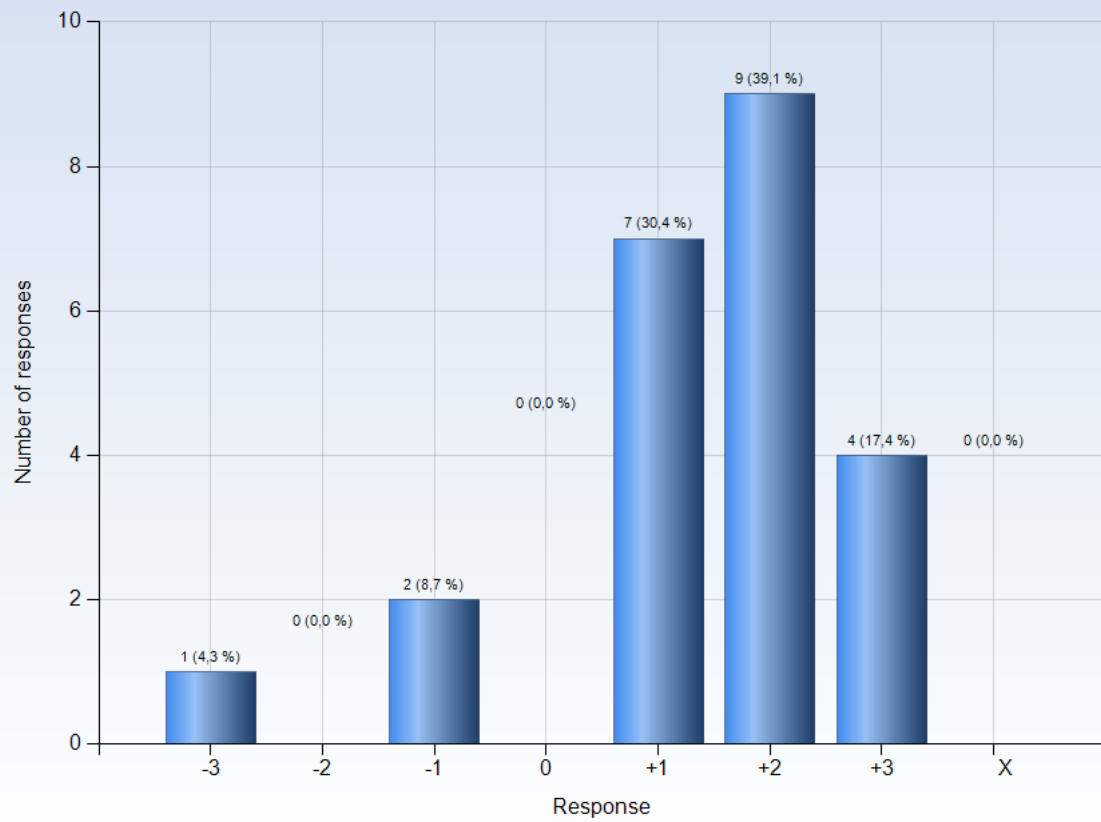


Comments

Comments (My response was: -2)

Lots of times the language that the teacher uses is difficult to understand

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

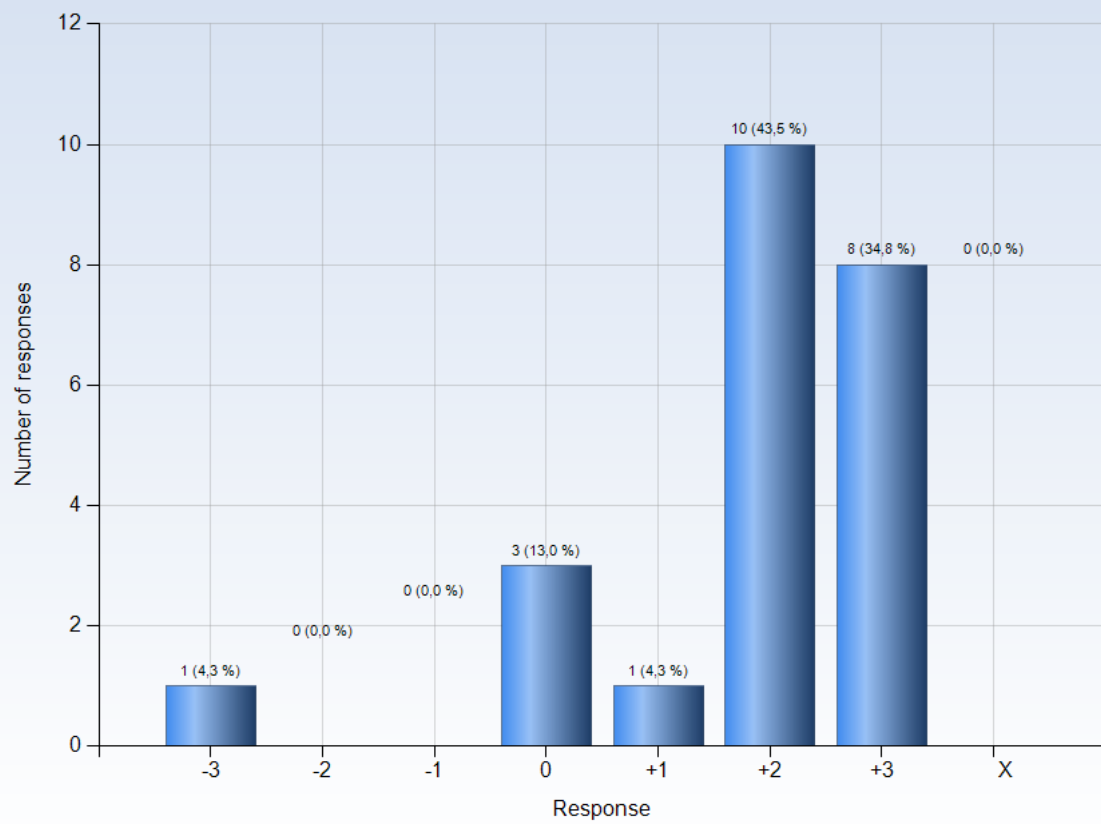


Comments

Comments (My response was: +2)

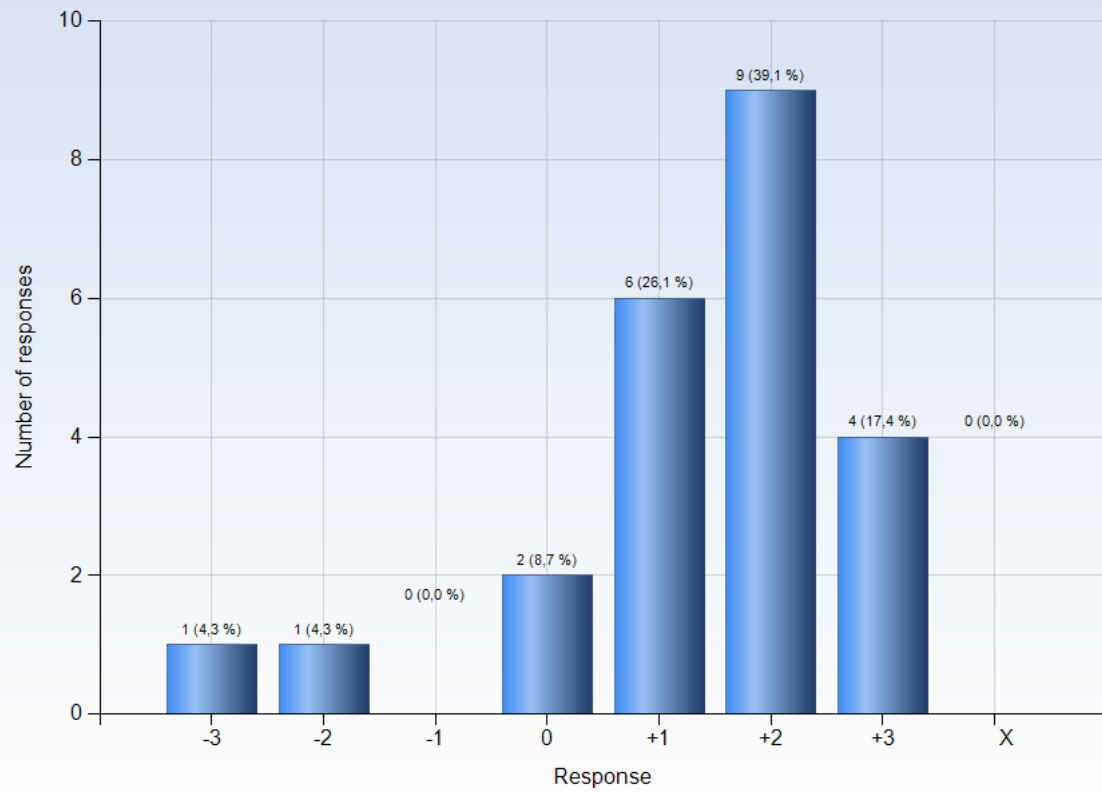
Exploring concrete implementations would be cool, but I understand why the course has such an emphasis on theory.

11. Understanding of key concepts had high priority



Comments

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

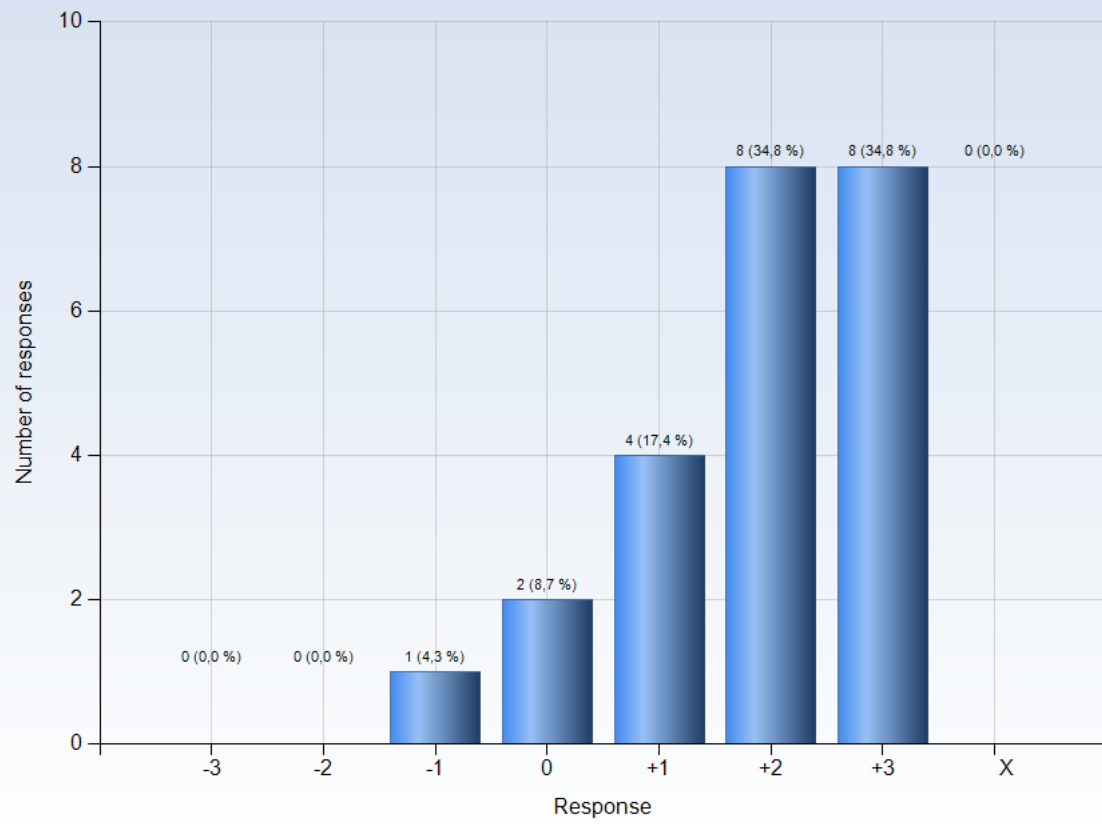


Comments

(My response was: -3)

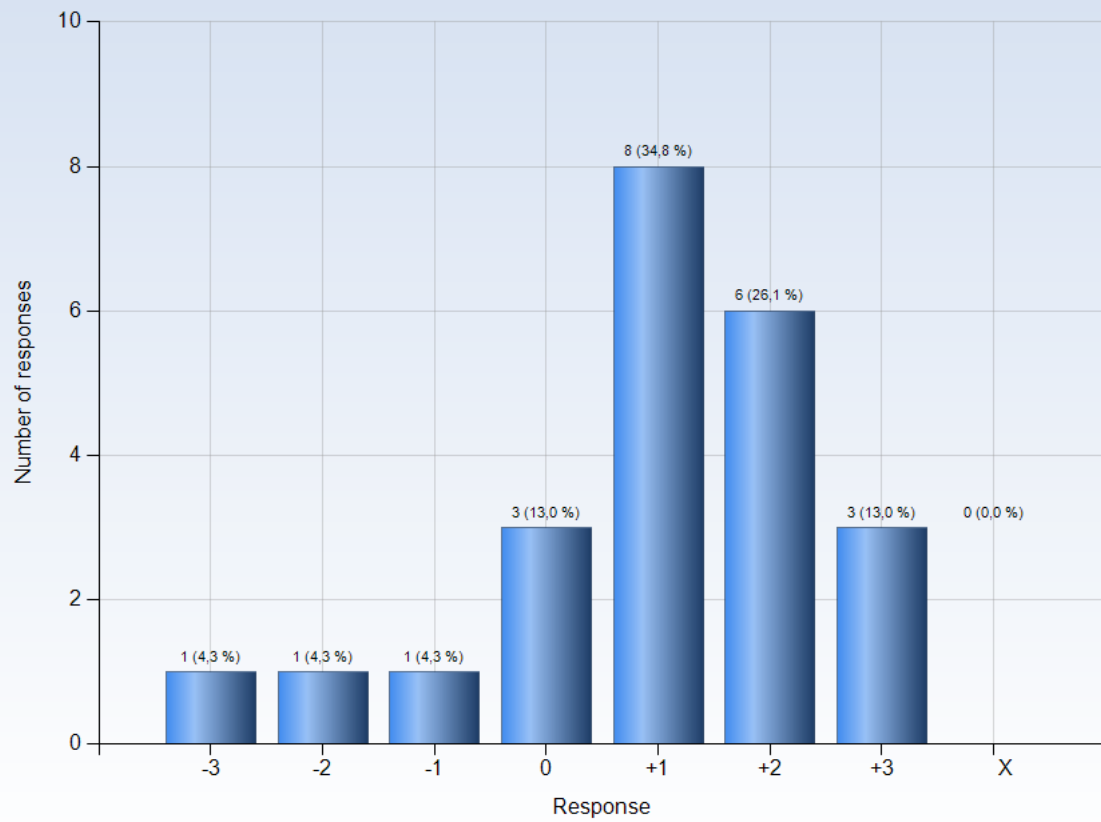
I leard every things from internet

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



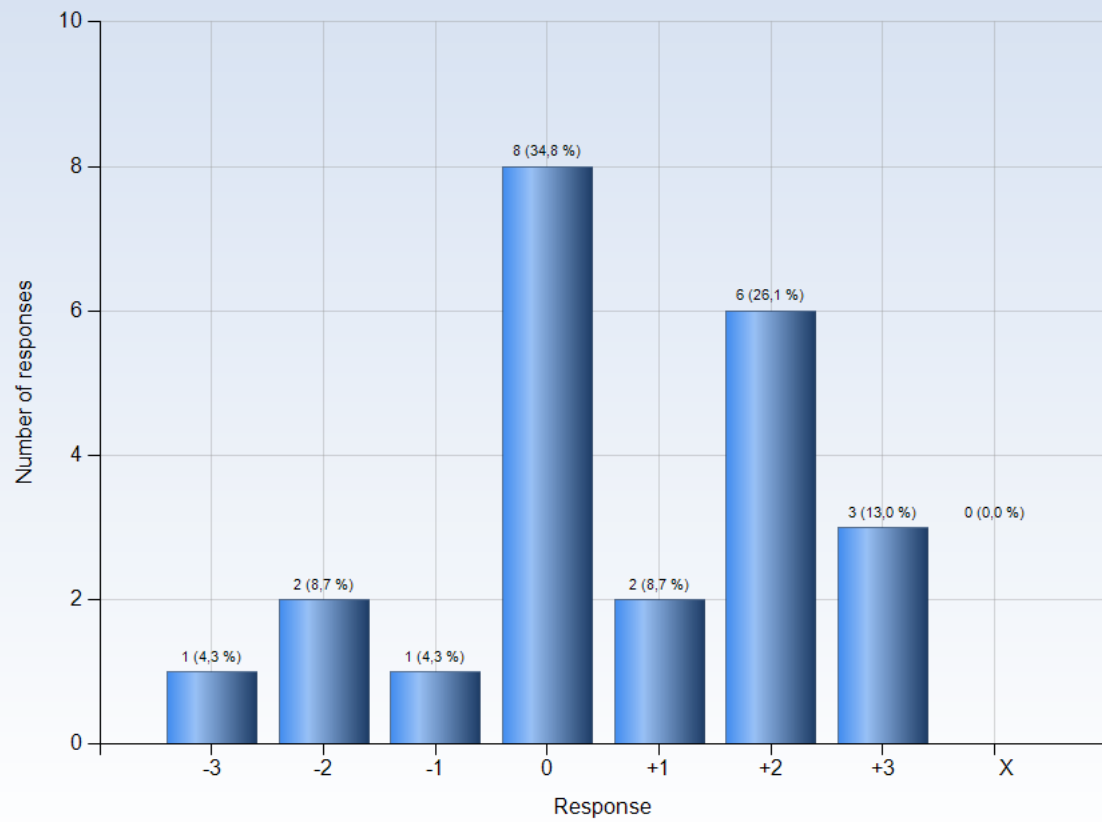
Comments

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



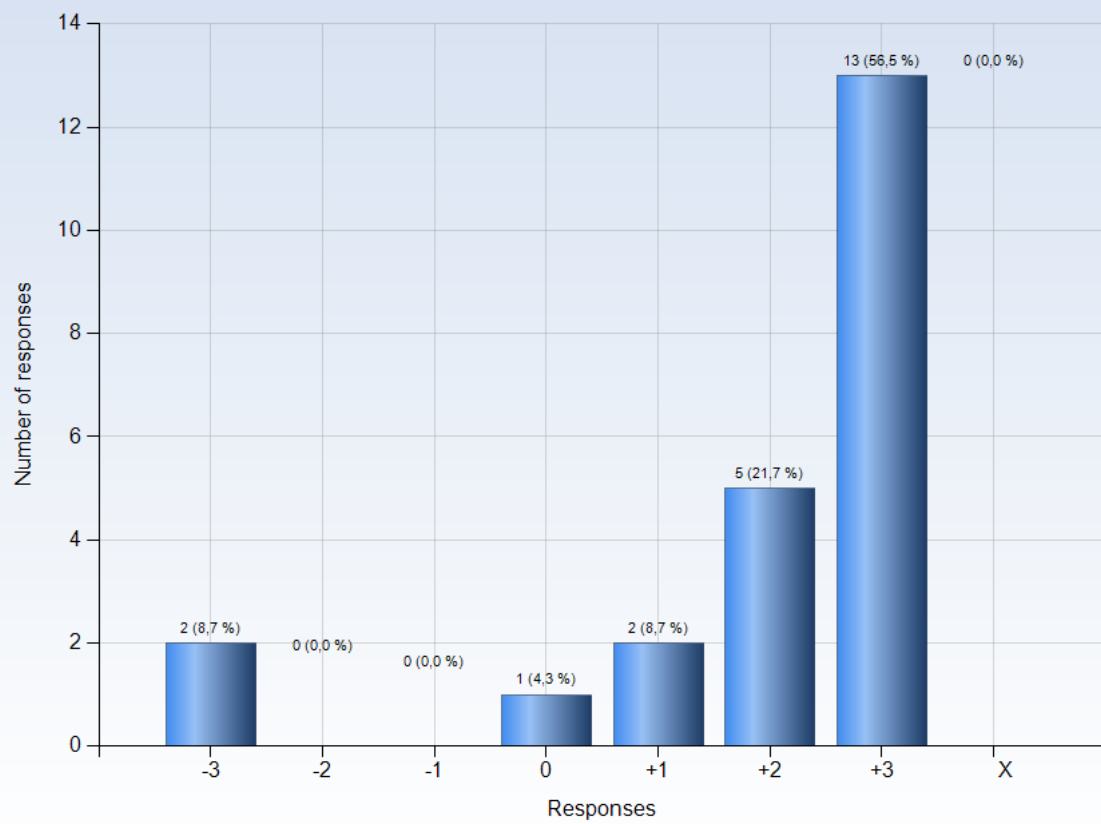
Comments

15. I could practice and receive feedback without being graded



Comments

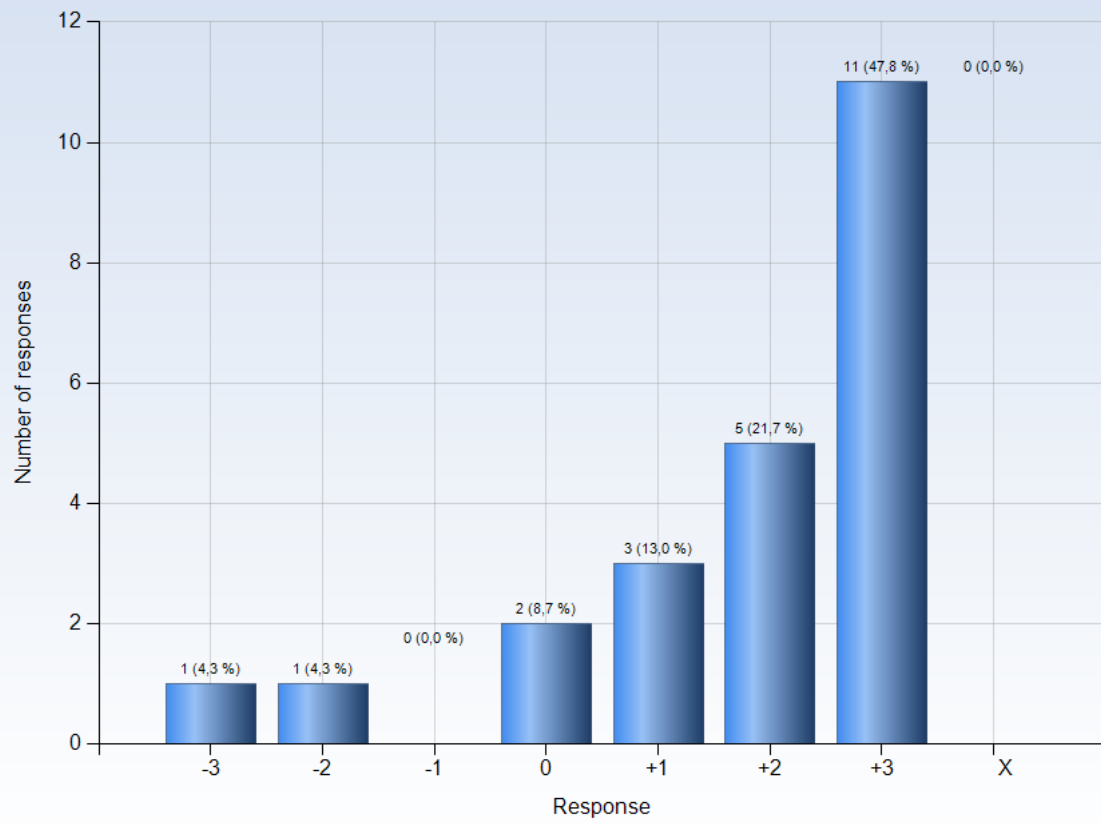
16. The assessment on the course was fair and honest



Comments

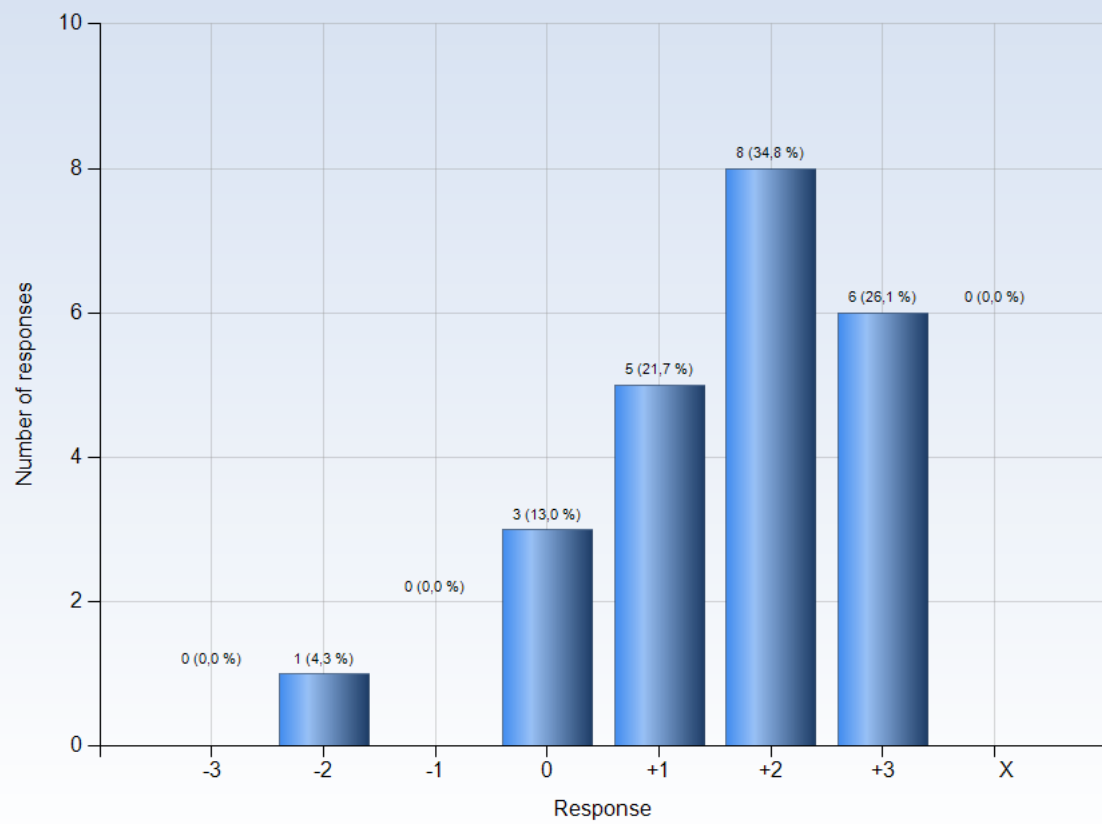
Comments (My response was: -3)
Assignments were sometimes graded incorrectly

17. My background knowledge was sufficient to follow the course



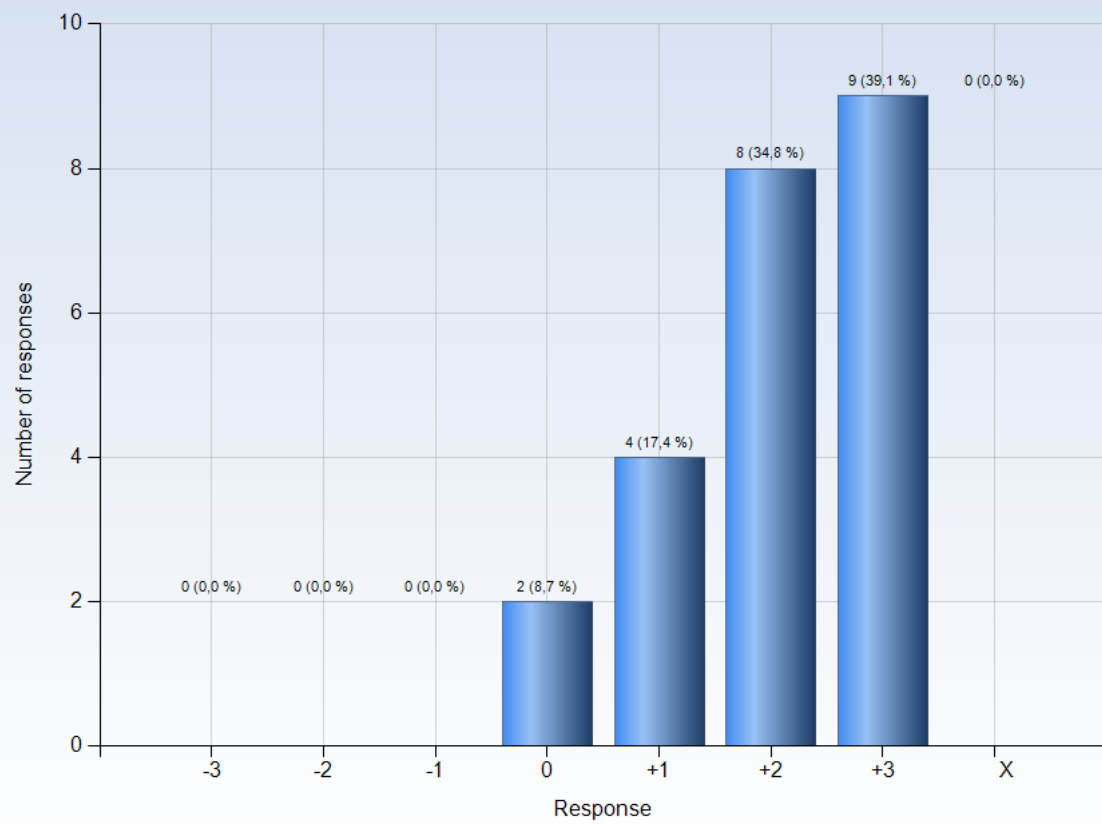
Comments

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



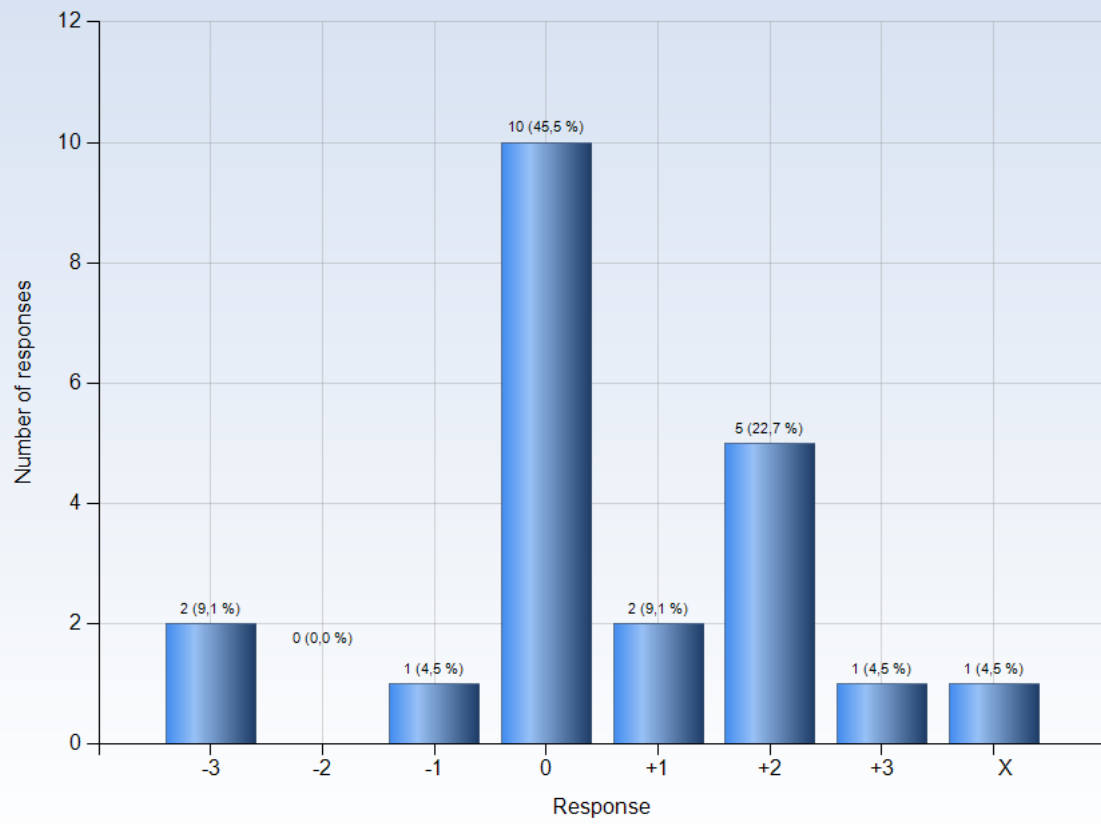
Comments

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



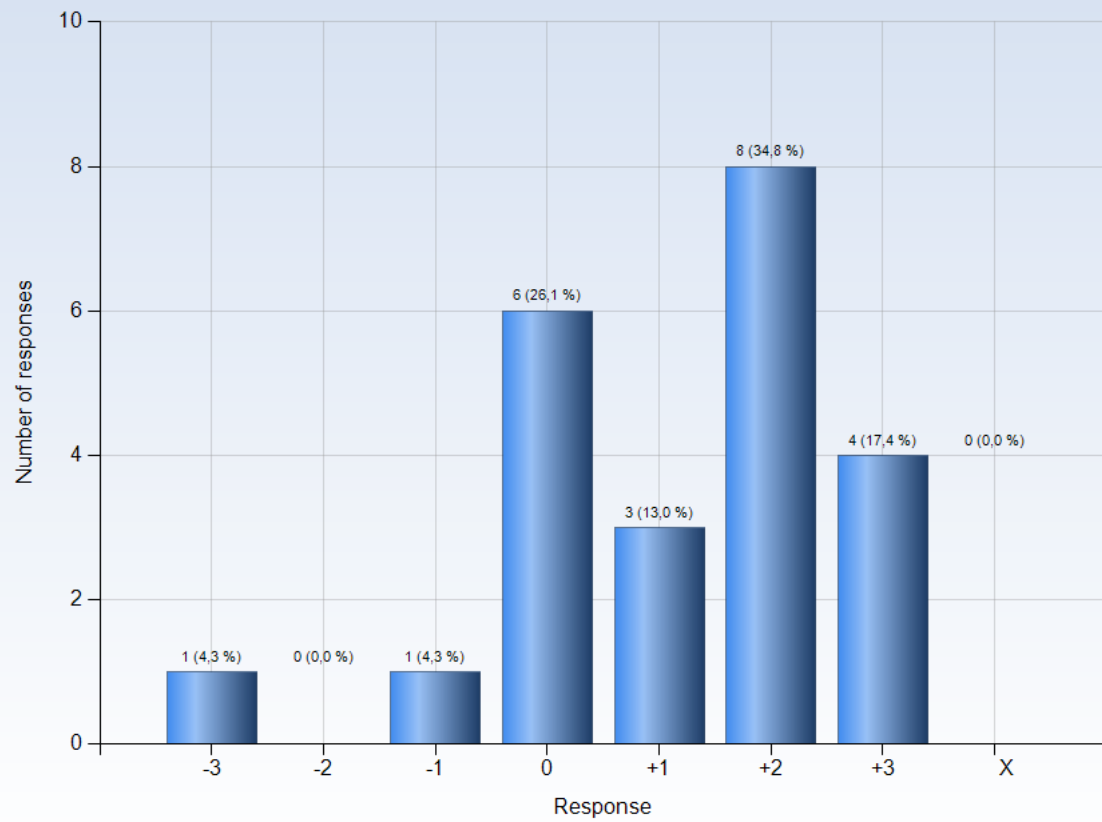
Comments

20. I had opportunities to choose what to do



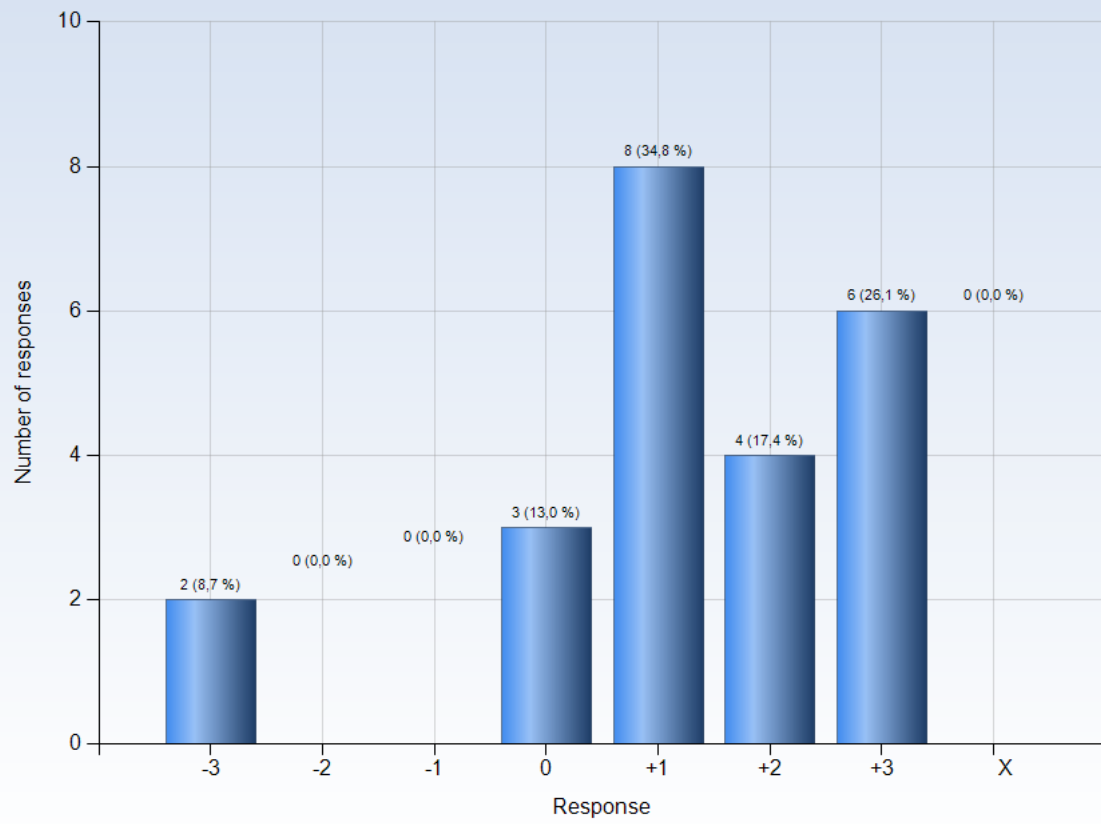
Comments

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