



## HF0021 - 2018-05-03

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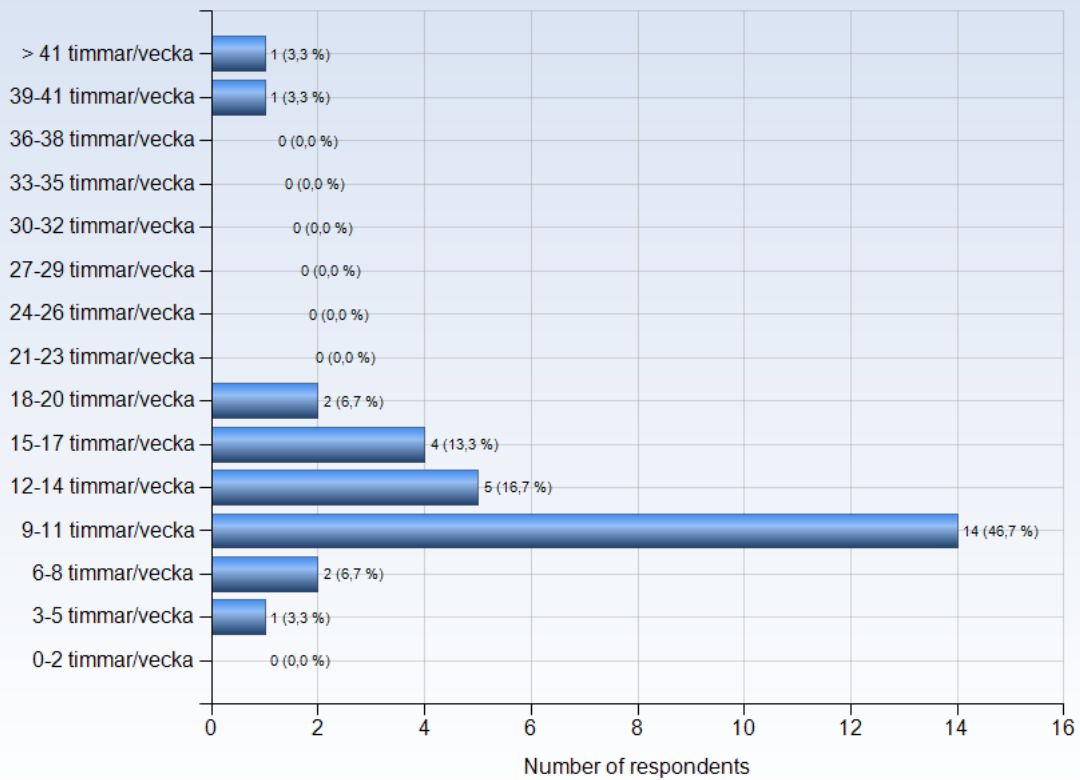
Antal respondenter: 111  
Antal svar: 31  
Svarsfrekvens: 27,93 %

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## 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)

Hade läst matte 3C tidigare under gymnasiet

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

Studerat upp till matte 5 tidigare



## LEARNING EXPERIENCE

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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:

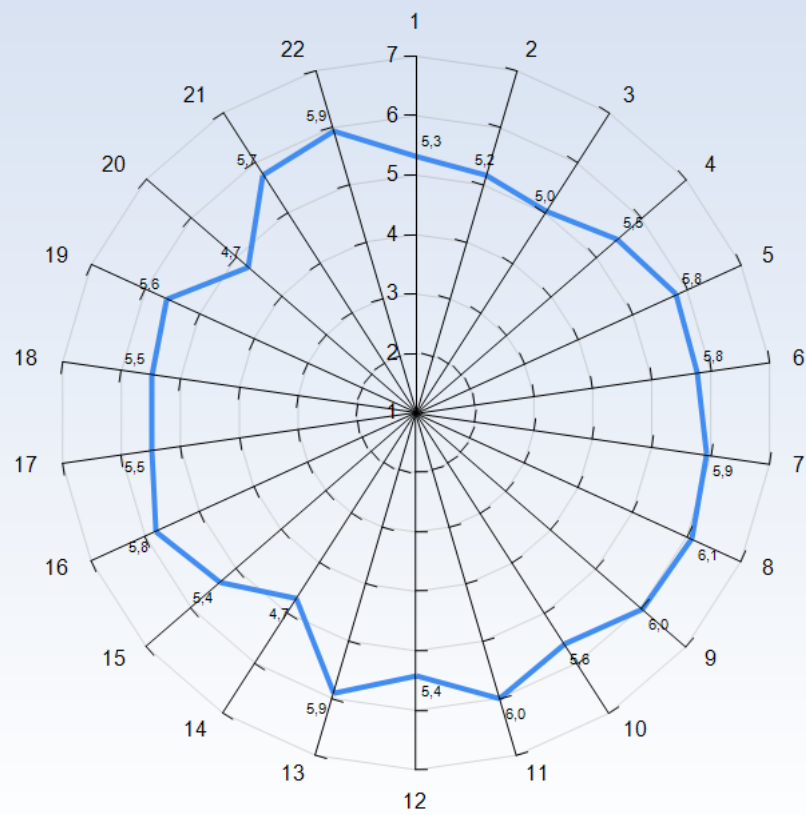
1 = No, I strongly disagree with the statement

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.

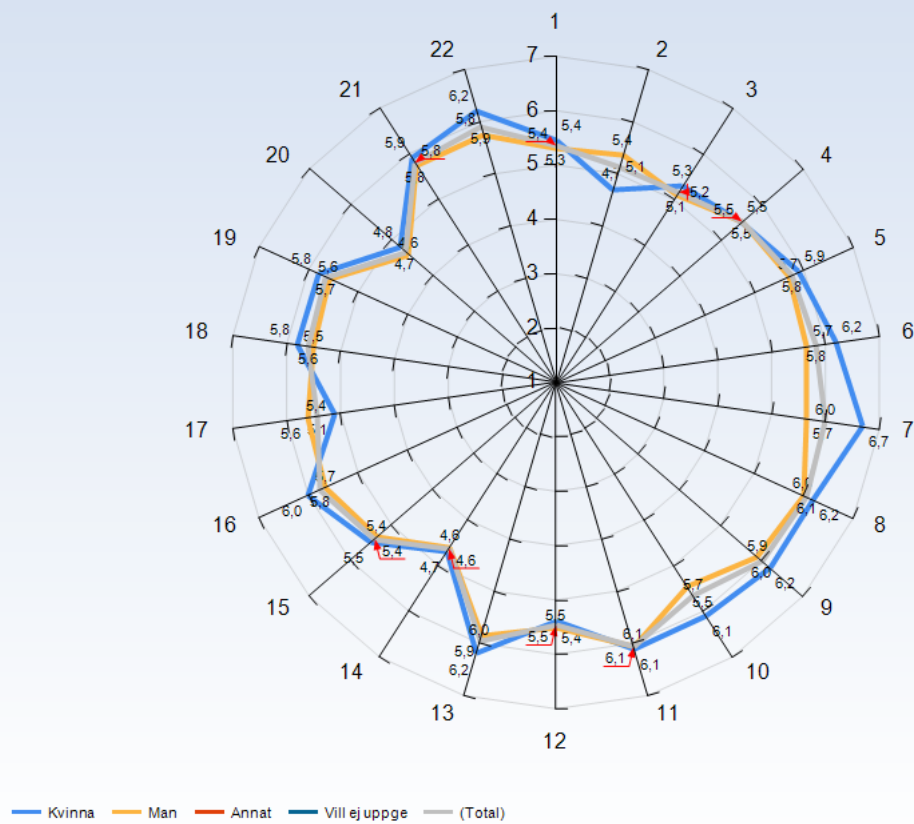
Elmgren, M. & Henriksson, A-S. (2014). *Academic Teaching*, Chapter 3, pp. 57-72. Lund: Studentlitteratur.

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.

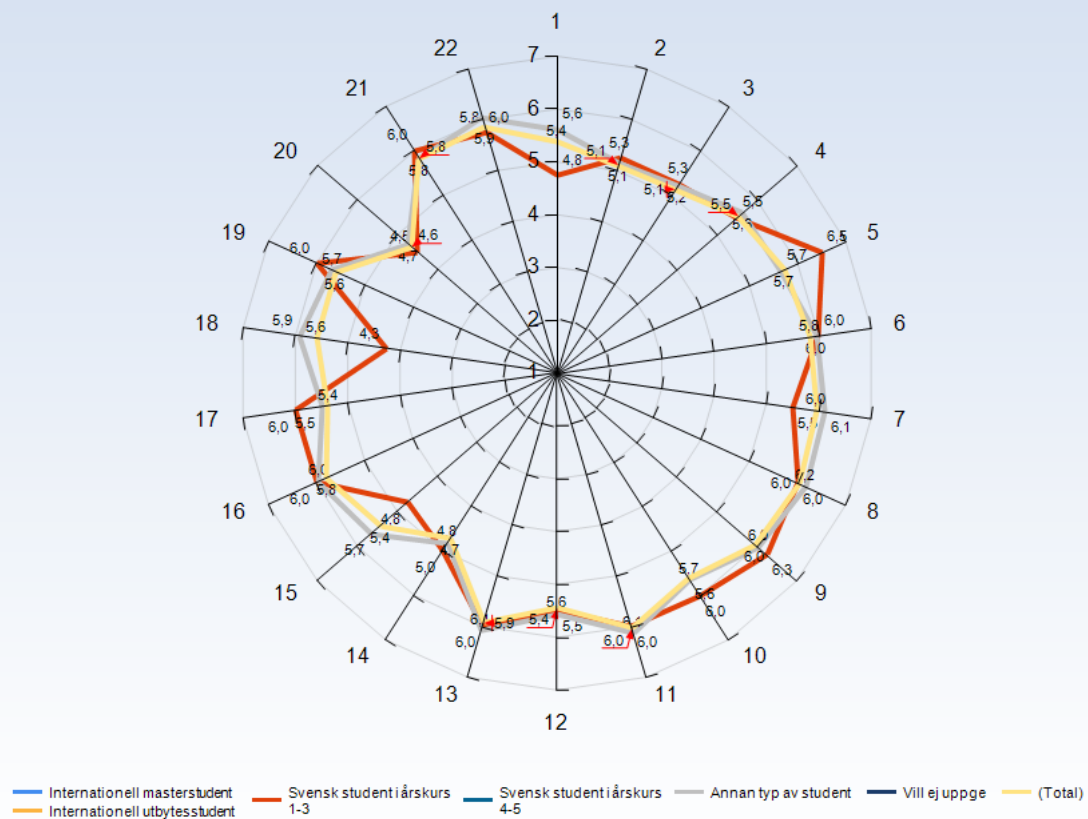


### Average response to LEQ statements - per gender



Comments

### Average response to LEQ statements - per type of student



### Comments

Comments (I am: Annan typ av student)

Tekniskt basår

Basår

Jag kom till Sverige några år sen och läste på folkhögskola innan KTH basår.



## 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 den hade utmanande uppgifter

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

Tempot var bra.

Lärandesättet att skriva samband i bokstäver sen förklara och sist visa exempel, klr sagt bra pedagogik

Bra lärare som undervisar i ett lagom tempo så jag först hann förstå/lära mig grunderna.

Läraren var väldigt bra på att förklara och förenkla komplicerade saker.

Bra kurslit

Bra lärare (Extra bra - Maria)

Jag tycker att Nicklas är jättebra på att förklara och man förstår verkligen, därför blir det roligt.

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

Tydligt strukturerad

Det går att lära sig! Bra lärare :)

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

Bra lärare och väldigt omfattande.

Att man enkelt kan ta reda på vad lektionen kommer att handla om i förväg.

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

Bra tempo, strukturerad.

Att man inte kan tänka själv utan följa efter steg, att man blir själv en robot istället för att bygga egen robot.

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

Ger mig andra möjligheter

### What would you suggest to improve?

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

-

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

-

Kontrollskrivningarnas schemaläggning, två kontrollskrivningar på en förmiddag är tröttsamt

Tydligt få eleverna att förstå att det är viktigt att hänga med i början. Börja plugga dag 1!!

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

Inte för mycket på en och samma gång, helst inte flera lektioner i rad med samma ämne. Blir så mycket att läsa ikapp och dessutom svårt att repetera det man lärt sig på lektionen.

Ev längre tid på mer omfattande KS:ar, känns som att många förlorar poäng pga tidsbrist.

Jag tror att små läxor som är frivilliga kan hjälpa elever mer då det skapar något att prata om.

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

Det behövs rättvisa och hjälpsamma lärare och inte favorisera.

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

Tentorna var inte som tidigare tentor som fanns att öva på



### 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 extra

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

plugga i tid

Häng med ordentligt från start så klarar man det.

Räkna efter lektionen

Börja plugga dag 1!!

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

Dedikera en stor del av din tid till att lära dig och försöka förstå - annars blir det bara jobbigt.

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

Häng med från början, repetera det som gicks igenom på lektionen. Renskriv anteckningar.

Kör hårt i början inför första KSen sen i en mer normal takt sen när alla tre ämnen börjar för att senare köra hårt efter första tentan.

Träna på KSar och tentor regelbundet!

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

Är du utländsk och inte behärskar svenska är det kört för dig.

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

Lita inte på tidigare tentor

### Is there anything else you would like to add?

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

-

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

Maria va otroligt duktig, extremt pedagogisk

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

Det var inte bra att byta lärare mitt i kursen.

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

Nej

## SPECIFIC QUESTIONS



## RESPONSE DATA

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

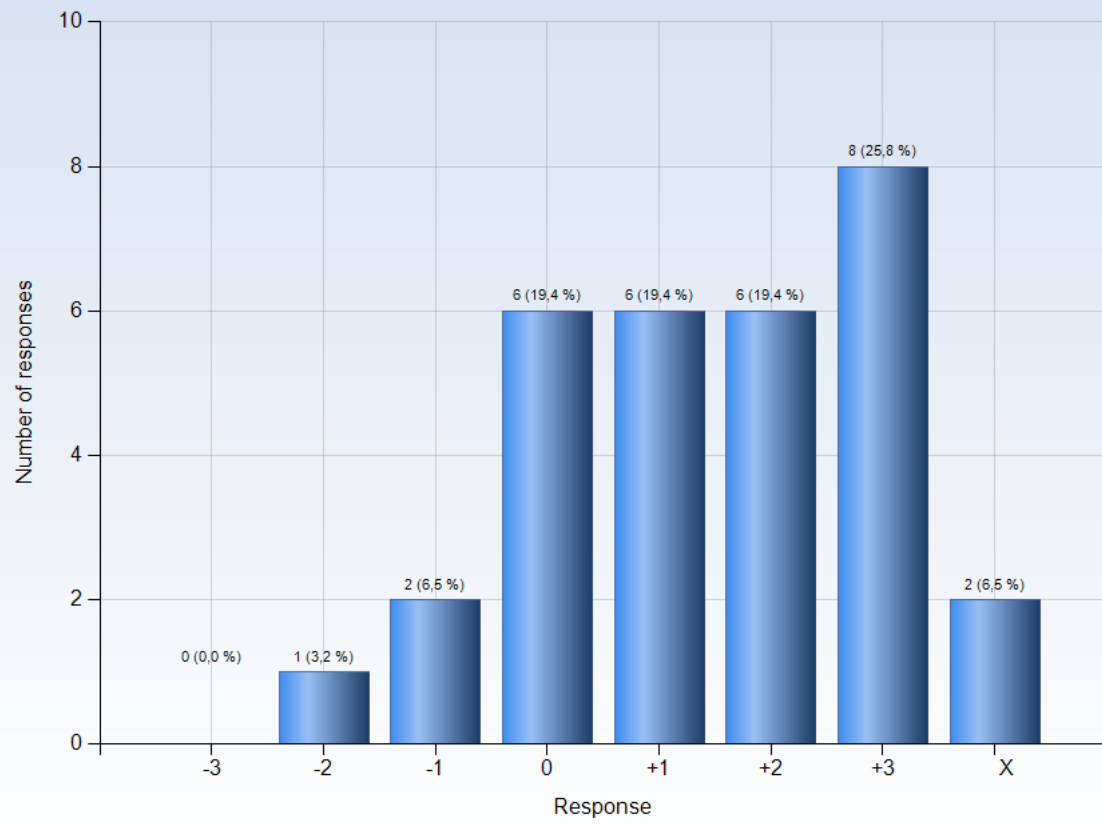
-3 = No, I strongly disagree with the statement

0 = I am neutral to the statement

+3 = Yes, I strongly agree with the statement

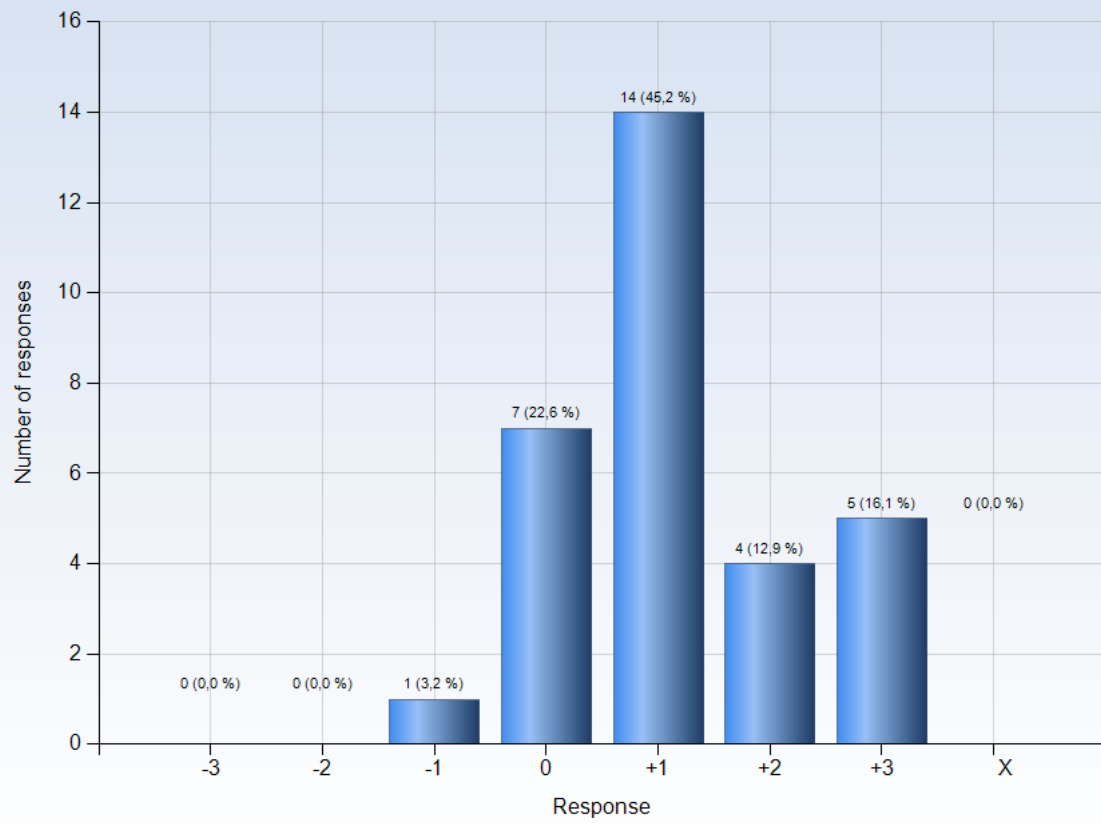
X = I decline to take a position on the statement

### 1. I worked with interesting issues



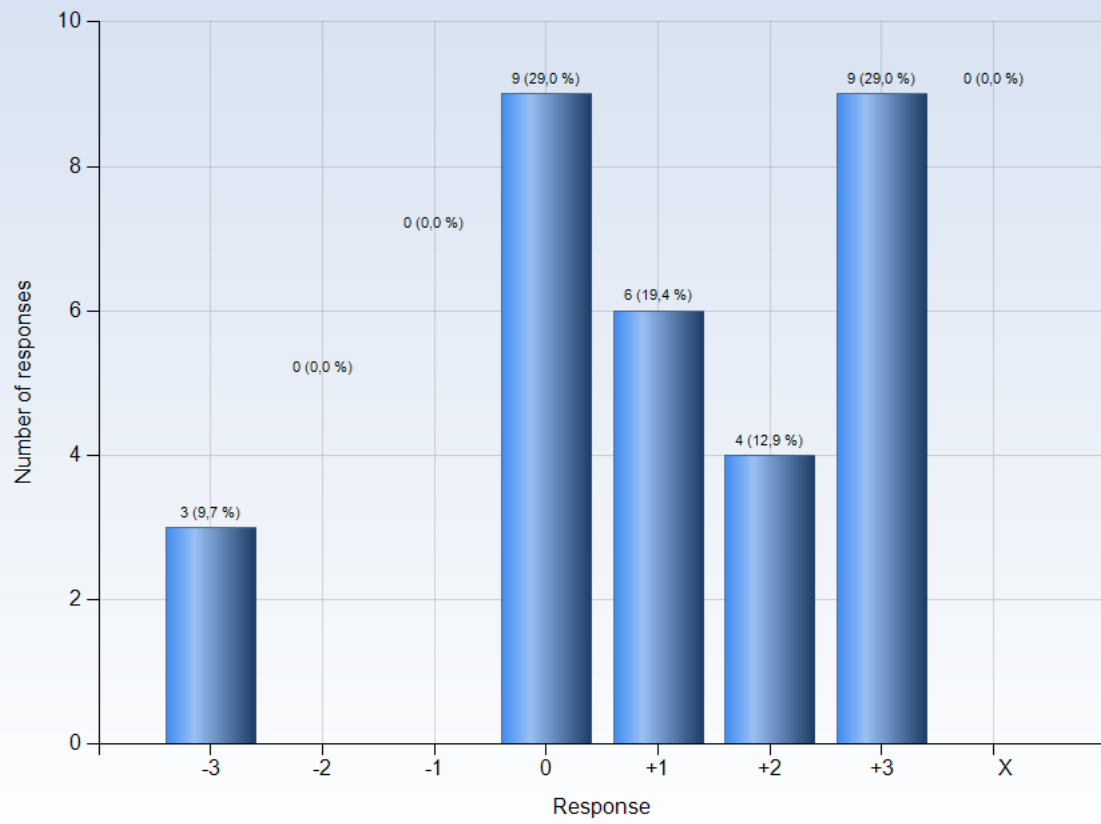
Comments

## 2. I explored parts of the subject on my own



Comments

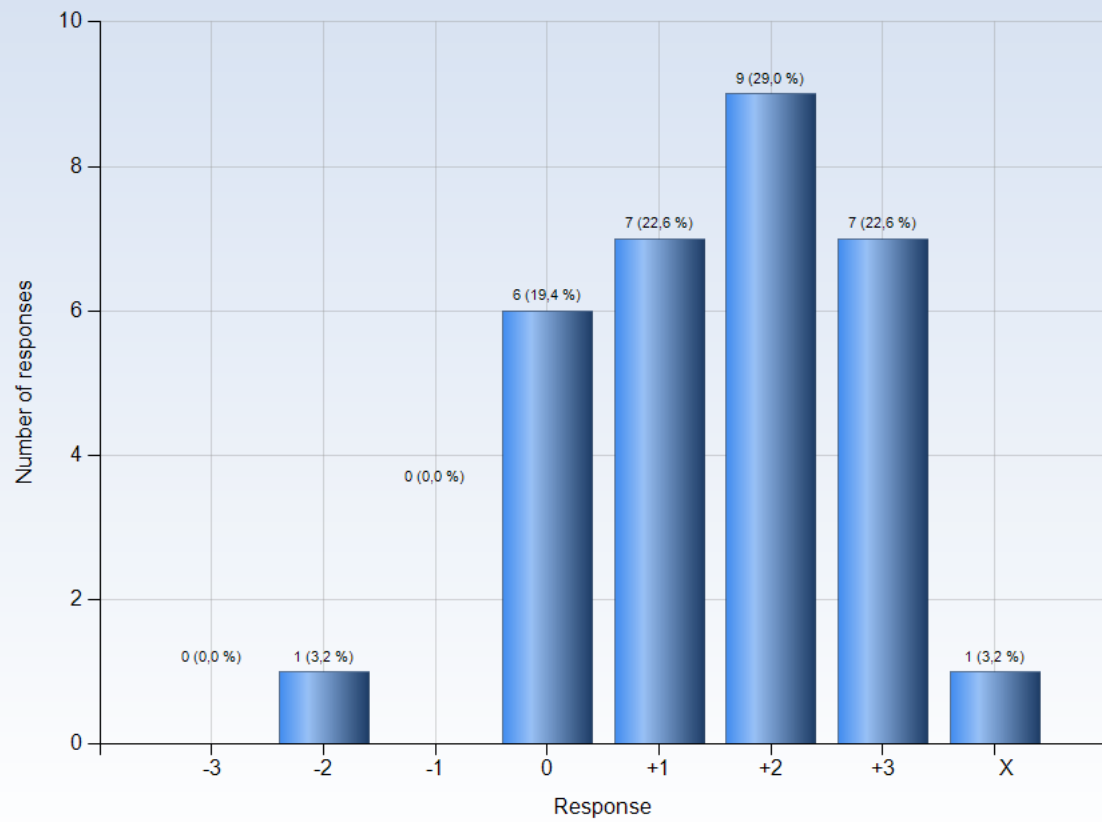
### 3. I was able to learn by trying out my own ideas



Comments



#### 4. The course was challenging in a stimulating way

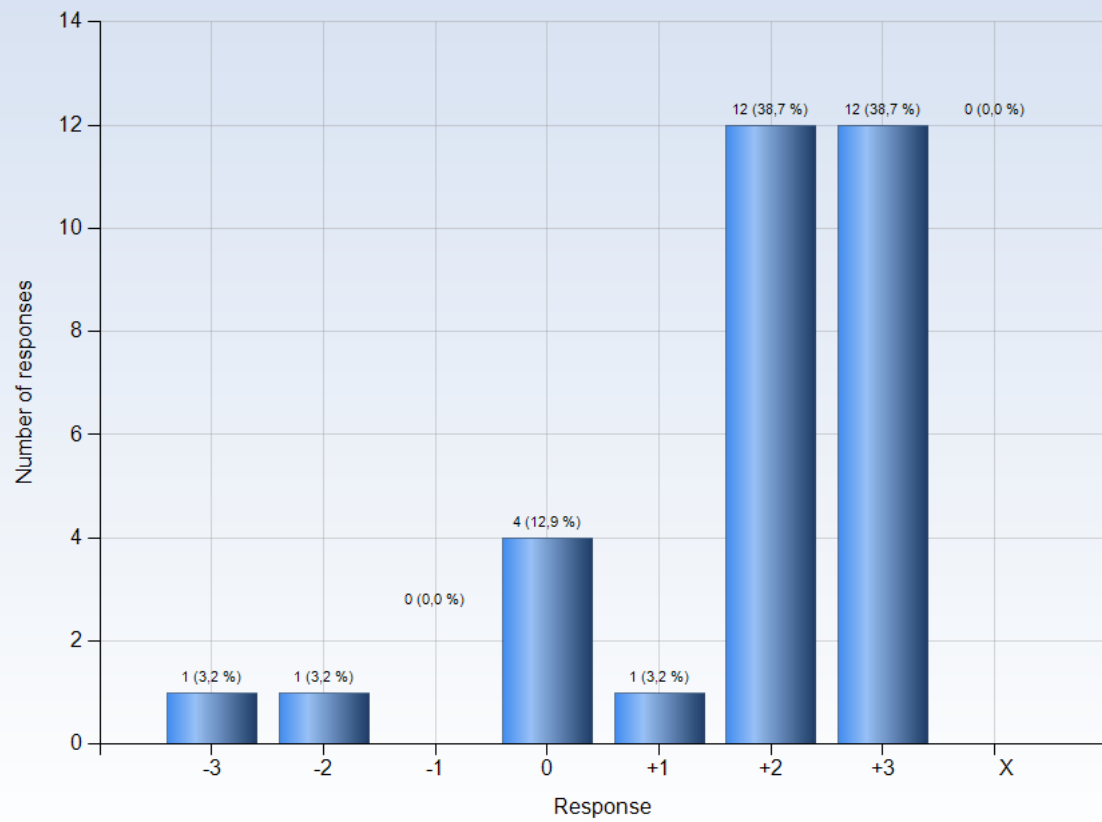


#### Comments

Comments (My response was: 0)

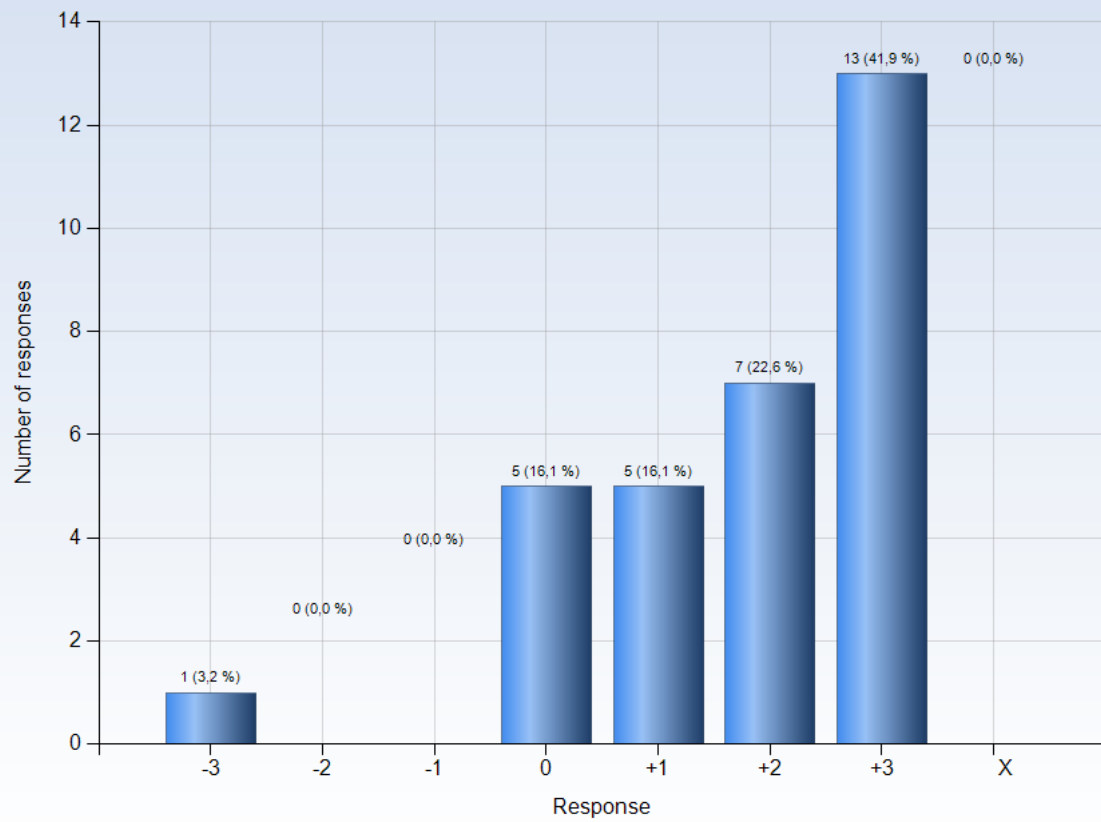
Högt tempo i början och halkade efter direkt..

### 5. I felt togetherness with others on the course



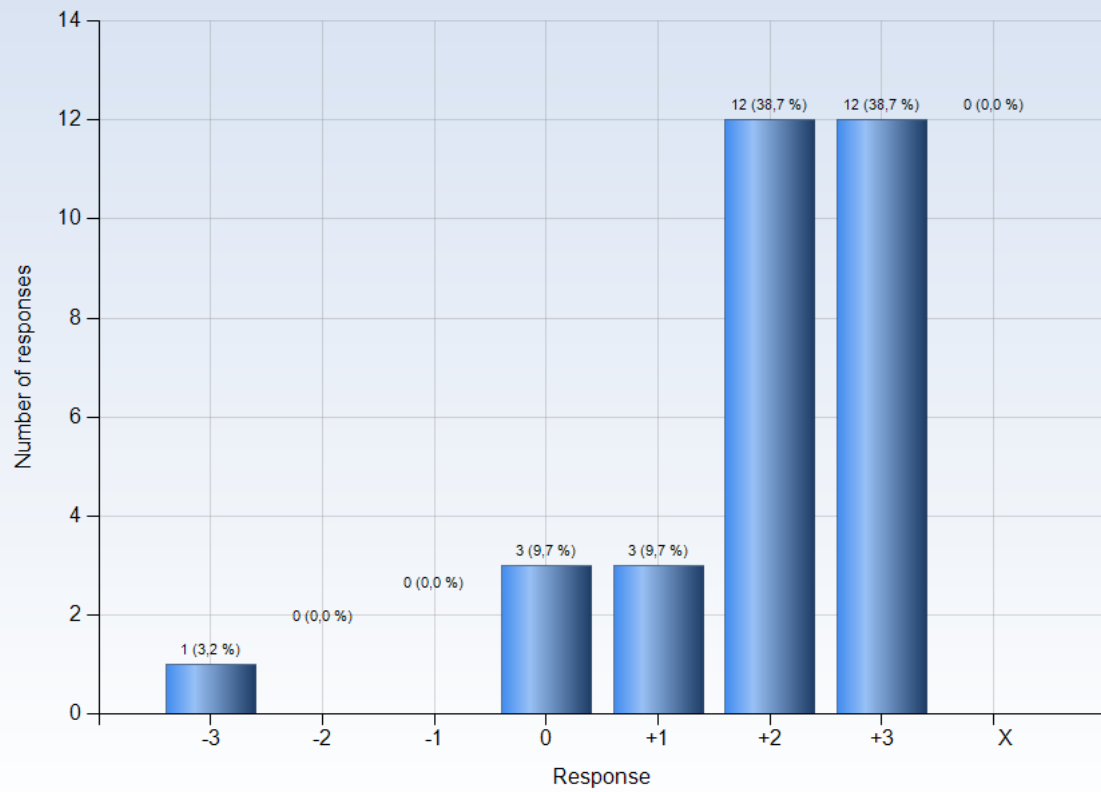
Comments

### 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

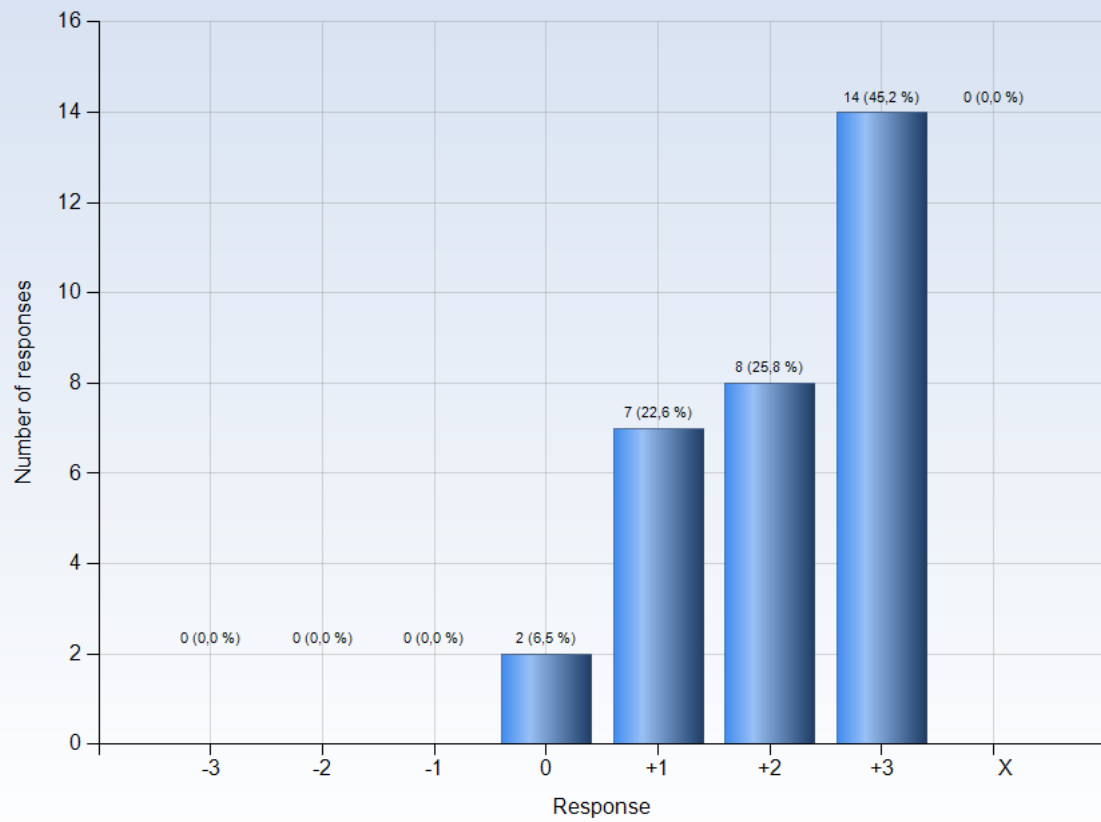


Comments

Comments (My response was: 0)

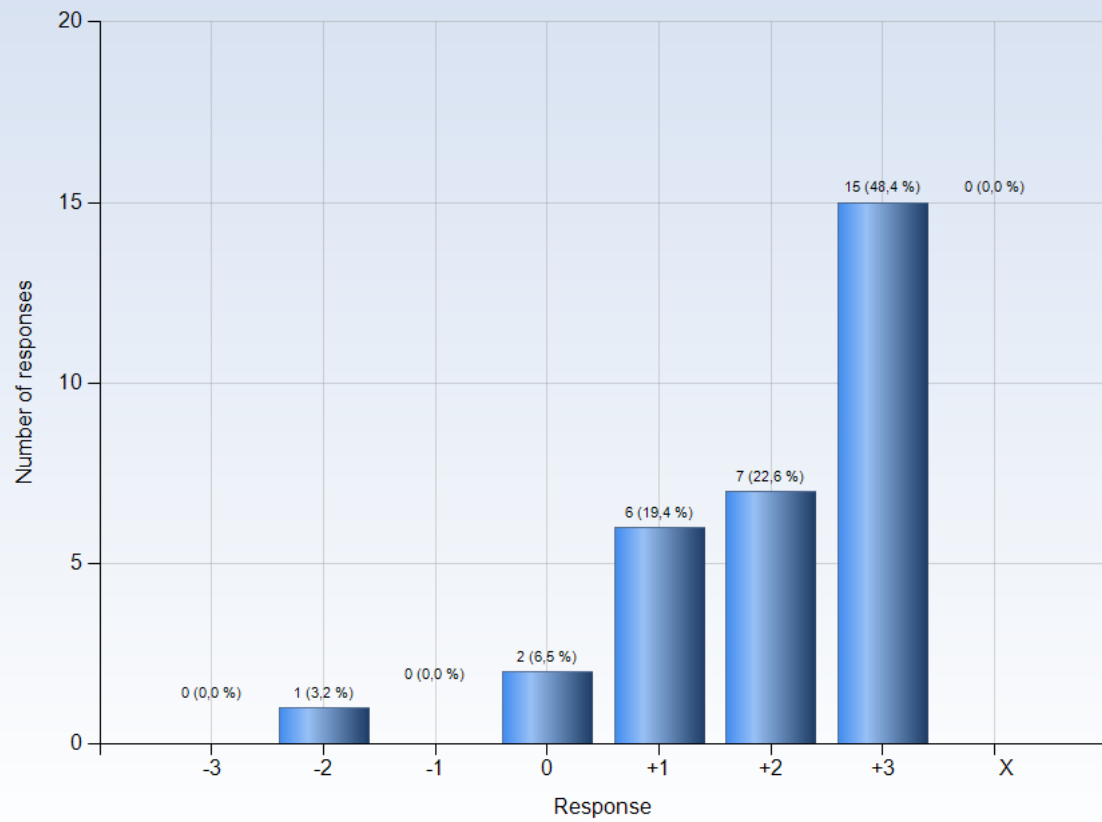
Känner ej till dem

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

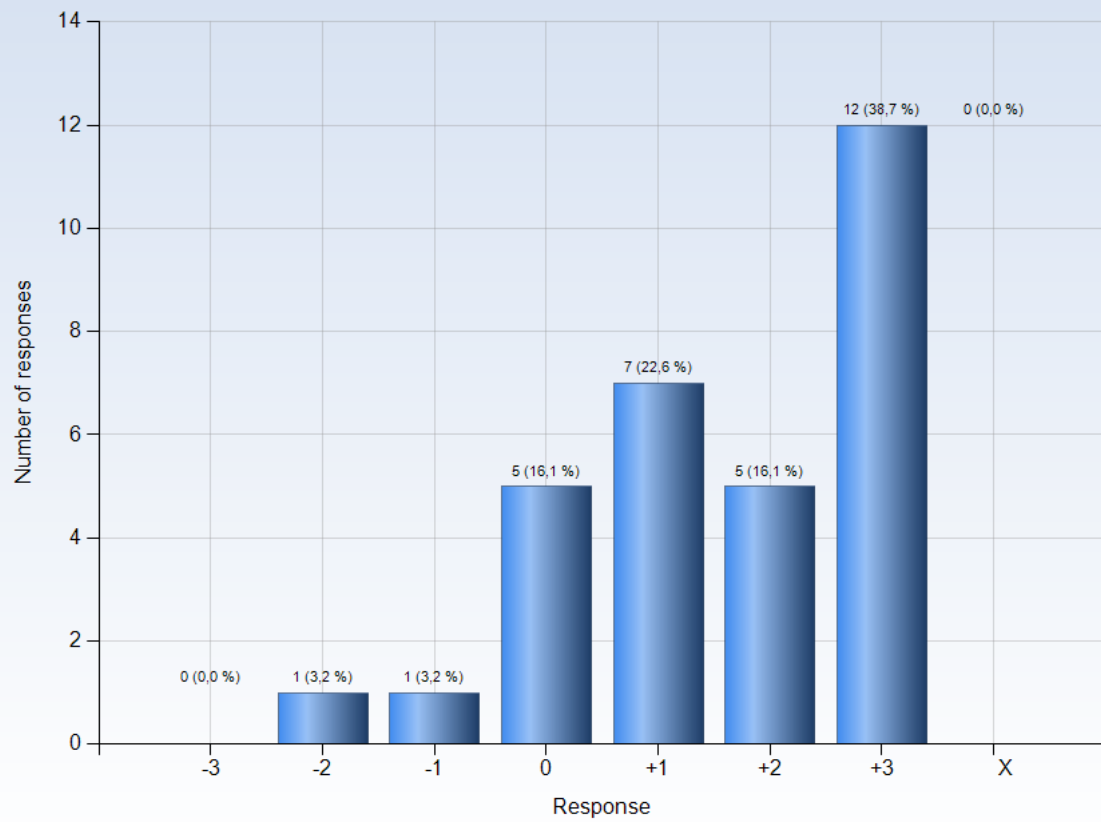


#### Comments

Comments (My response was: +2)

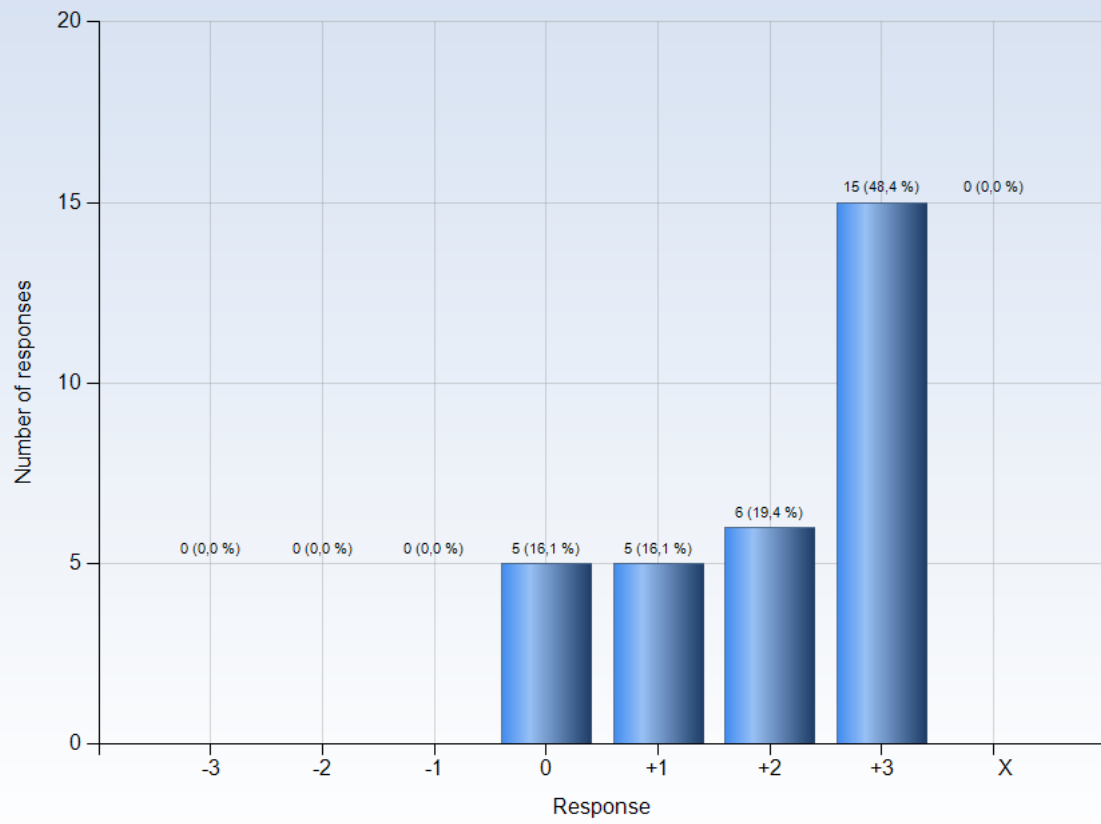
Tydliga lektioner

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



Comments

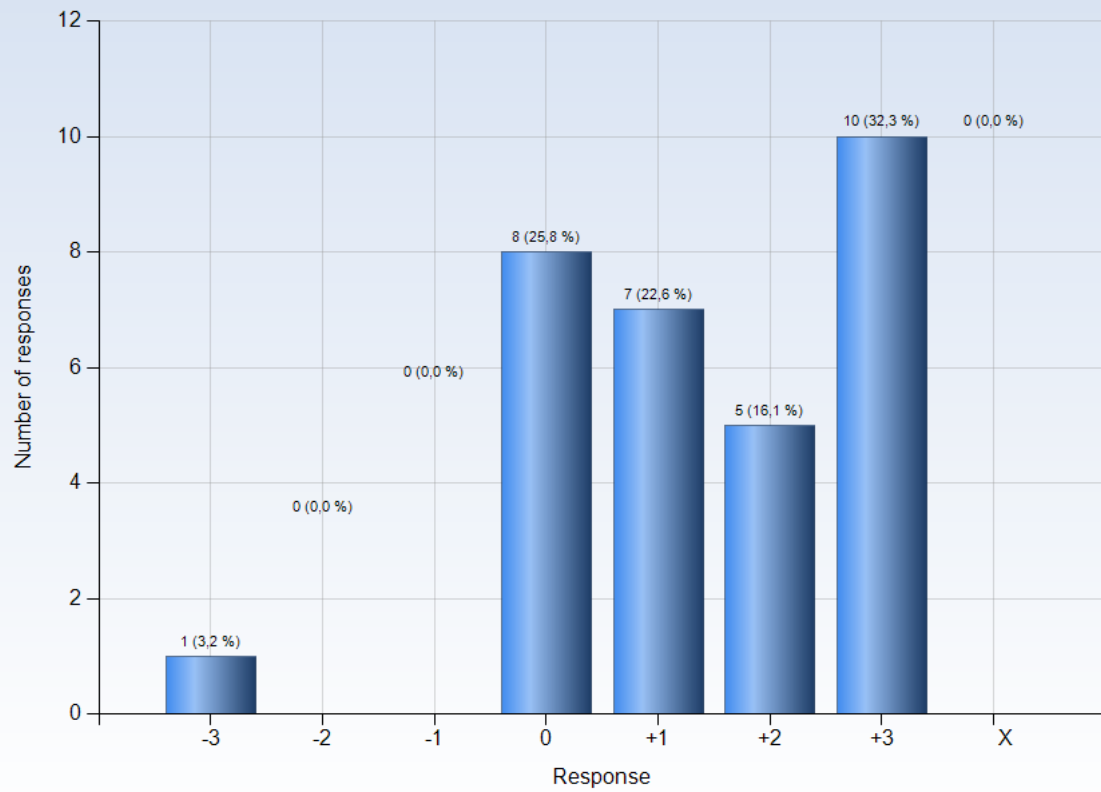
### 11. Understanding of key concepts had high priority



Comments

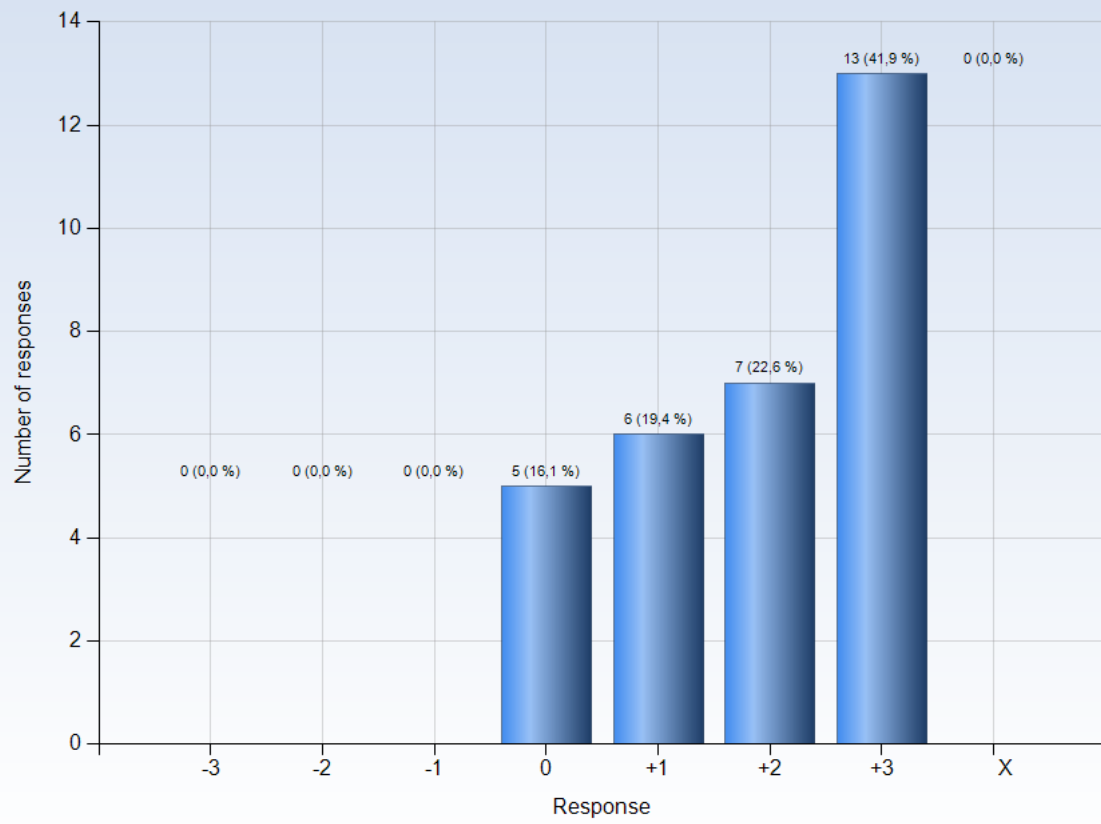


12. The course activities helped me to achieve the intended learning outcomes efficiently



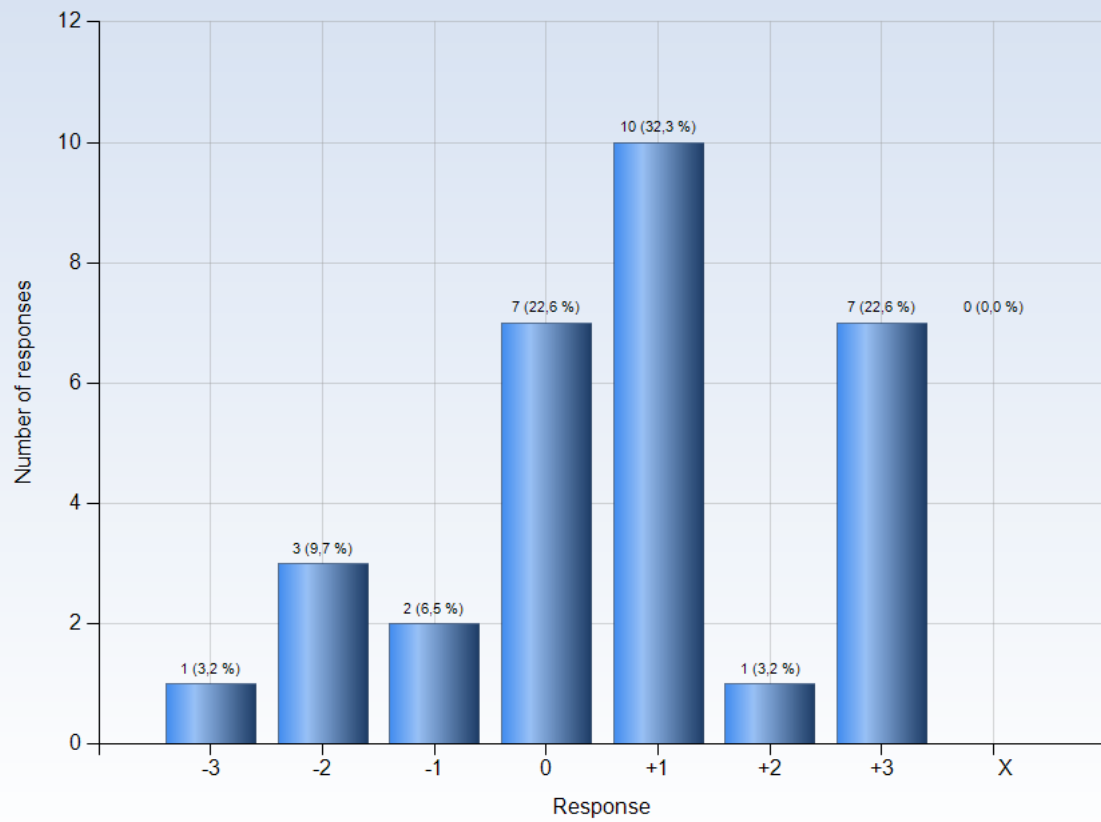
Comments

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



Comments

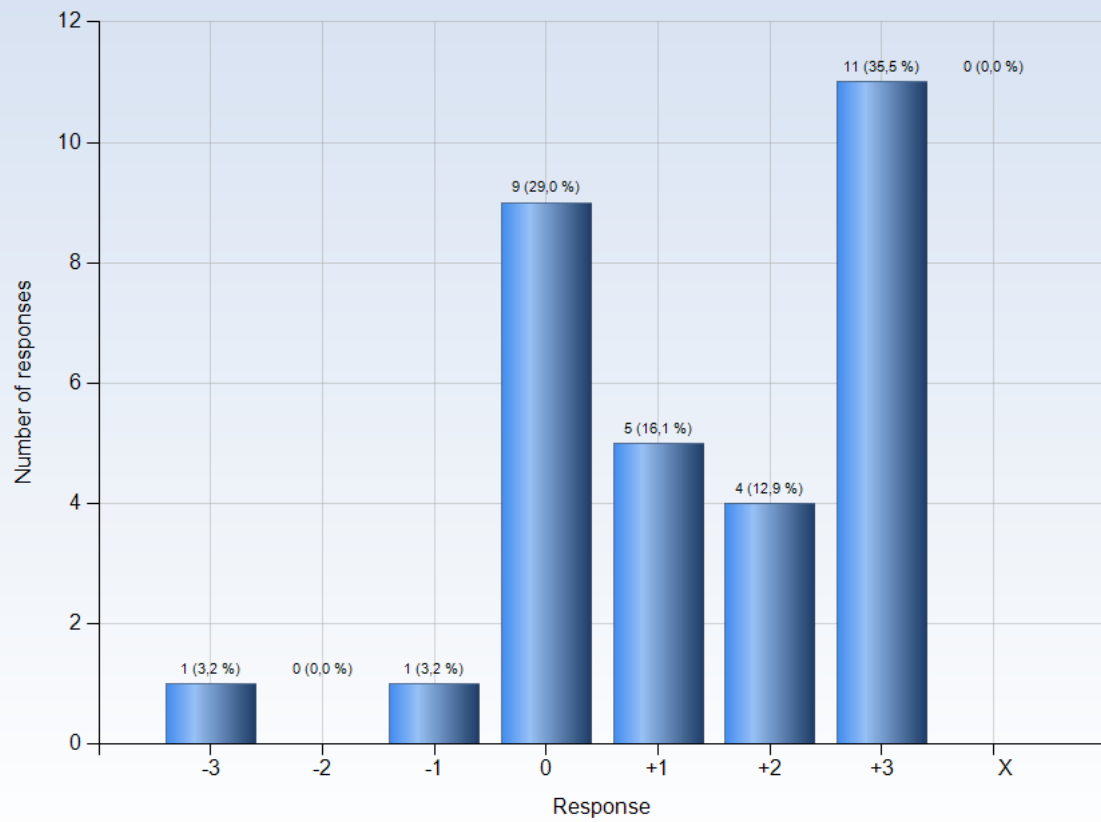
14. I received regular feedback that helped me to see my progress



Comments

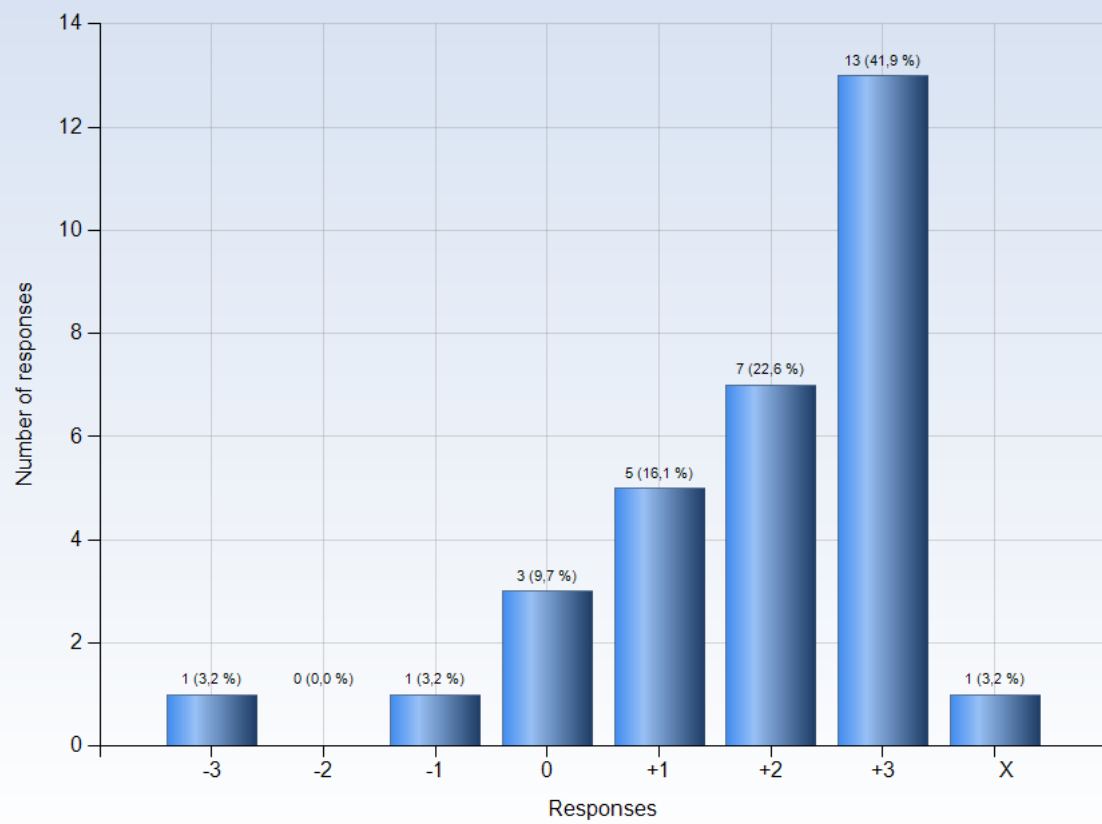
Comments (My response was: +3)  
Bra med KS

15. I could practice and receive feedback without being graded



Comments

### 16. The assessment on the course was fair and honest

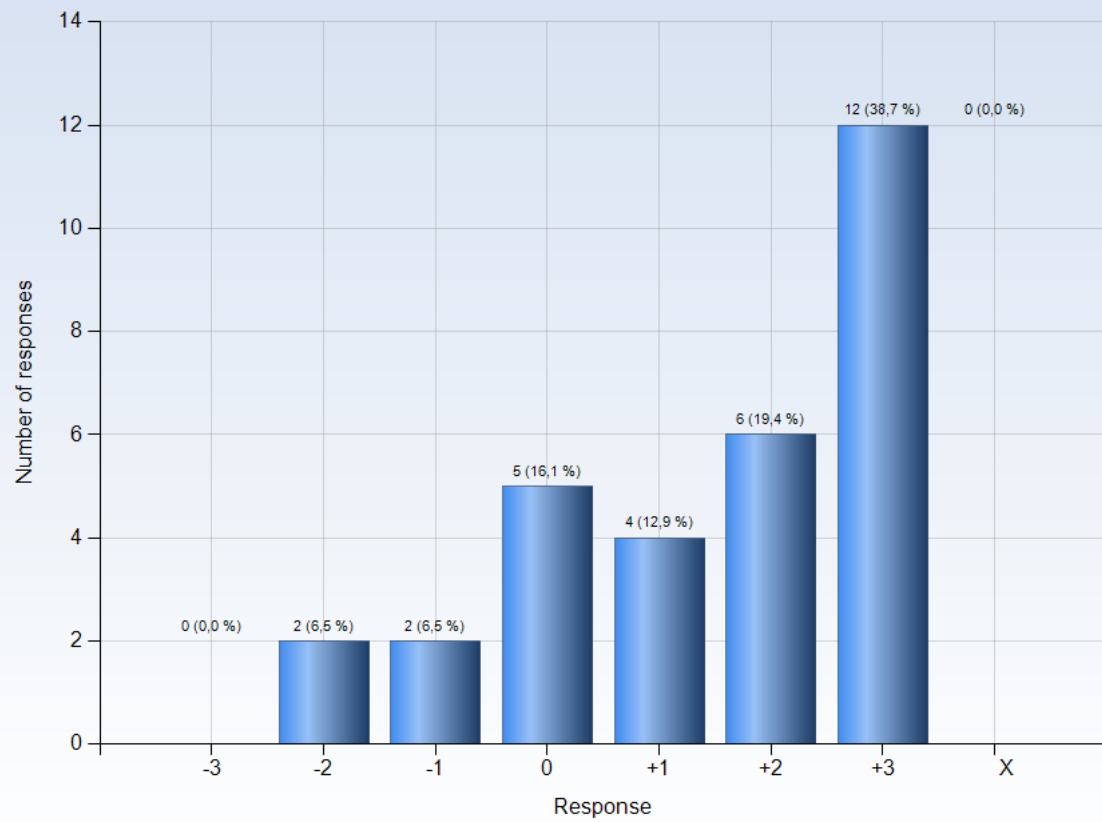


#### Comments

Comments (My response was: X )

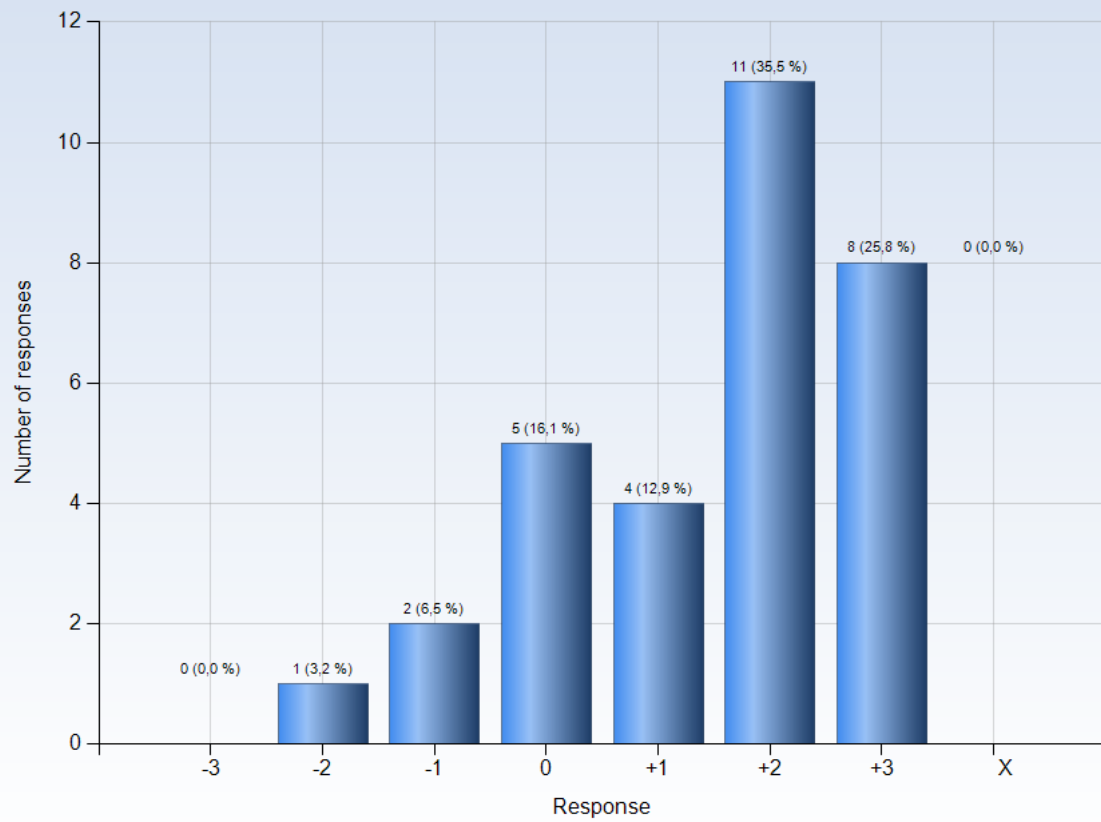
Inte haft examination ännu

17. My background knowledge was sufficient to follow the course



Comments

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

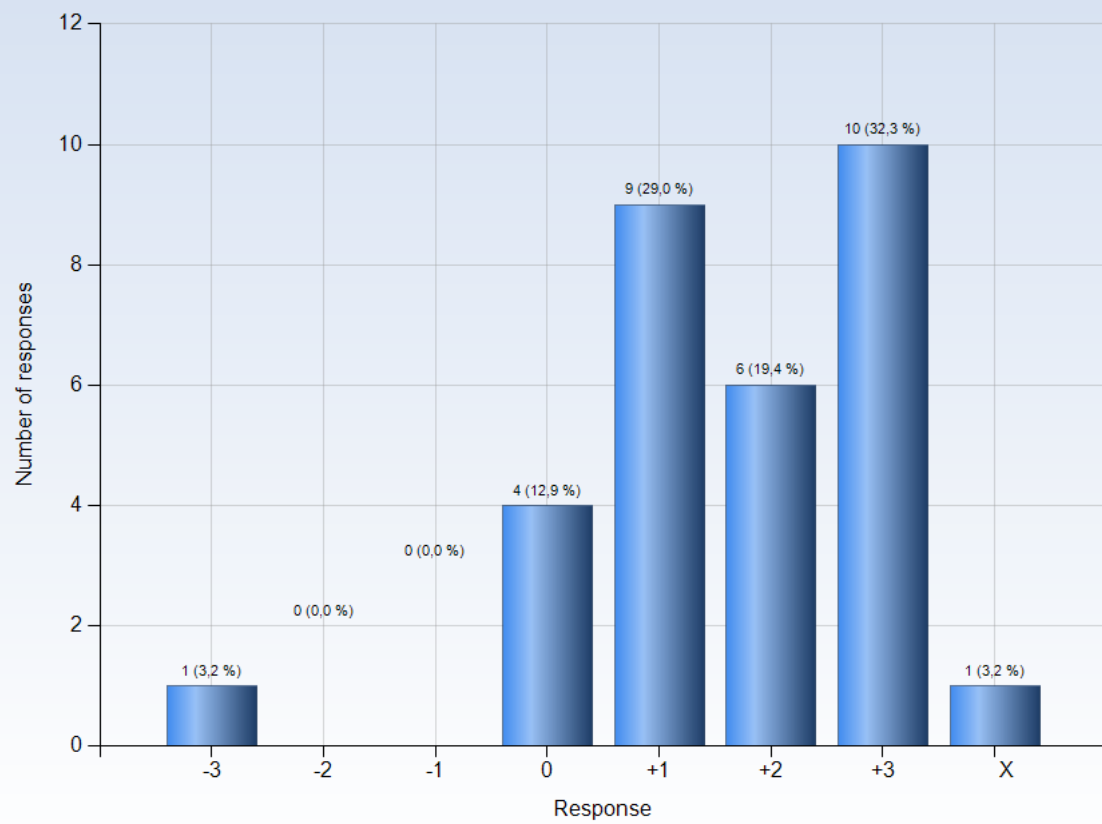


#### Comments

Comments (My response was: 0)

lättja är min dödssynd

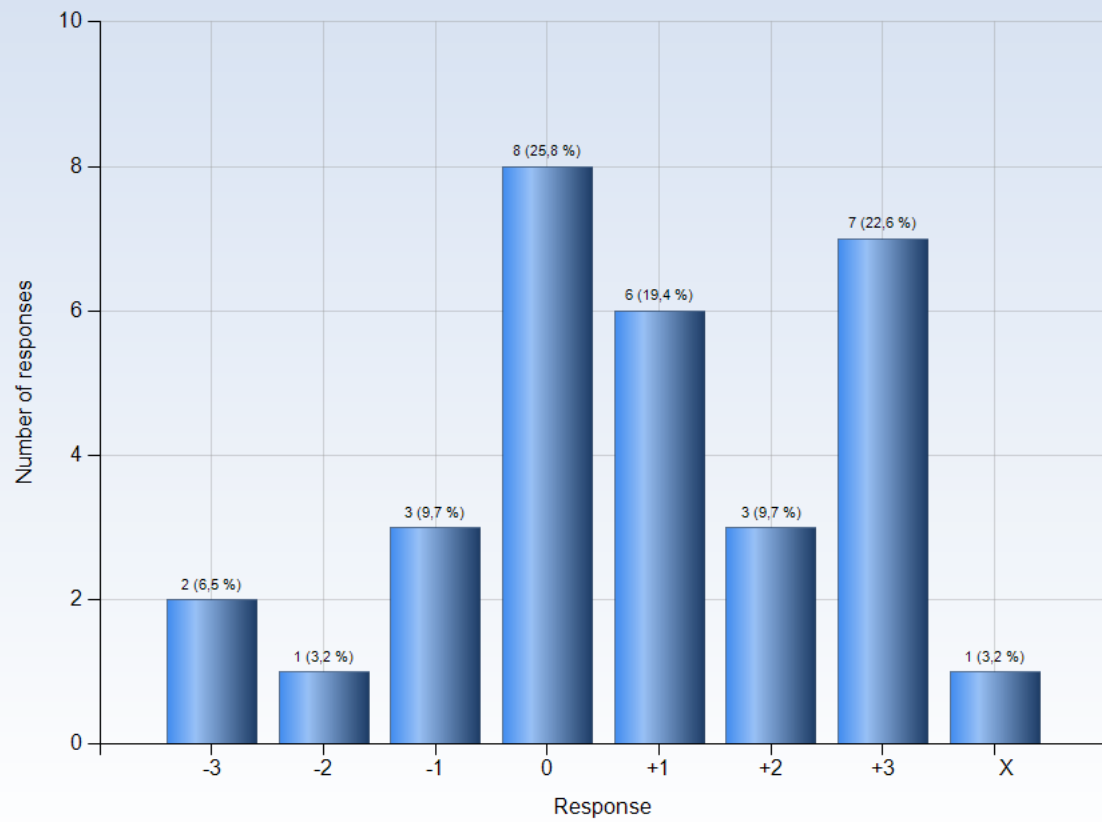
### 19. I was able to learn in a way that suited me



Comments

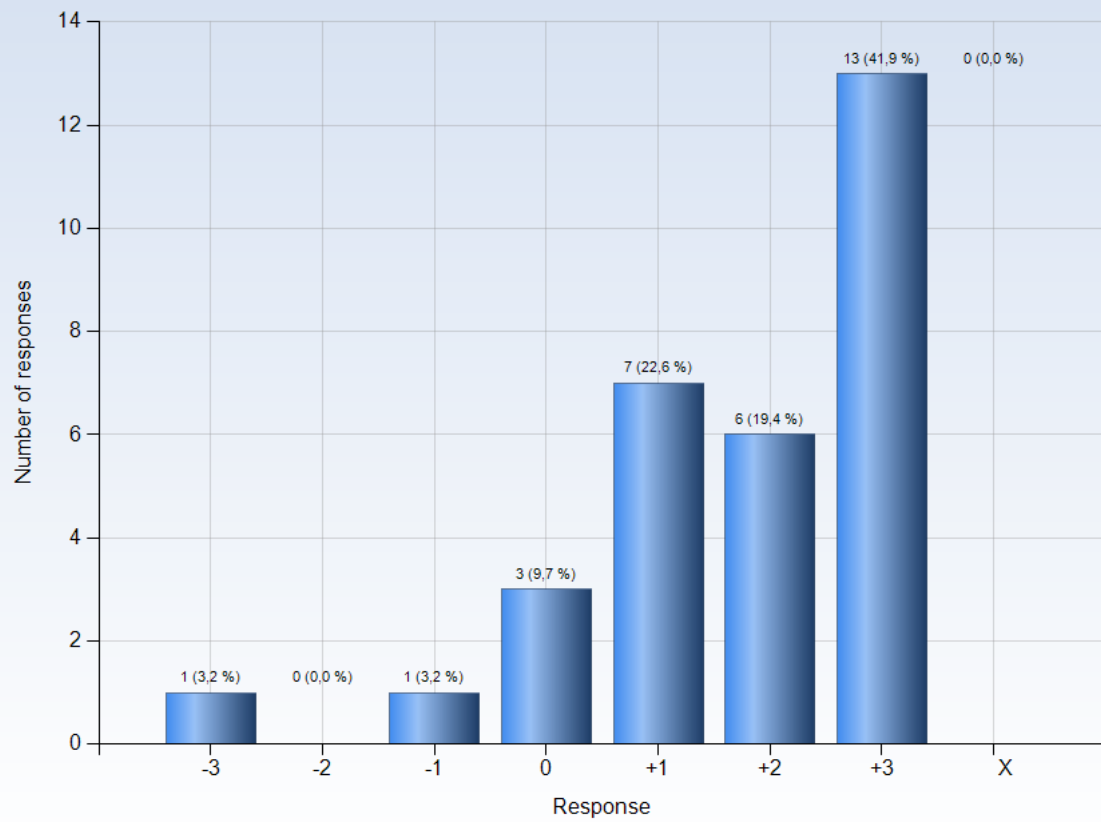


20. I had opportunities to choose what to do



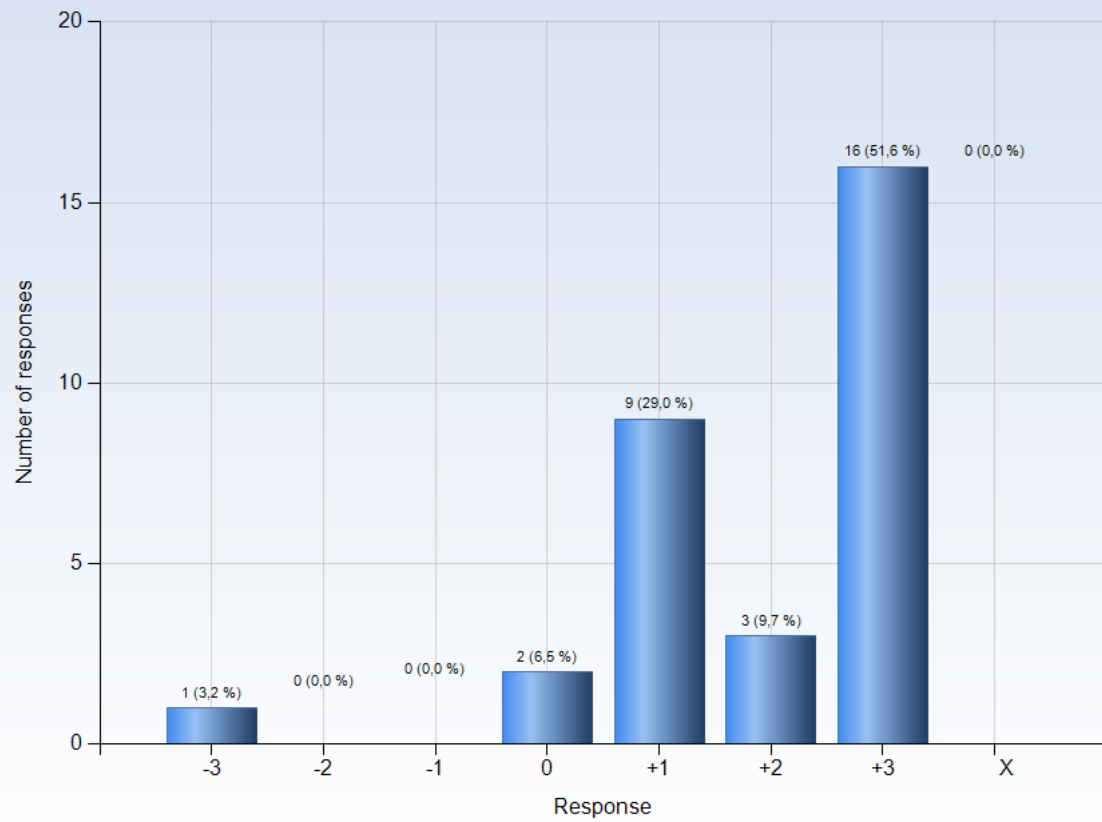
Comments

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

Comments (My response was: -3)

Lärarna hade inte tid för mig men de hade all tid till och med personlig lektion för andra "svenskarna"