LH216V - 2022-06-08

ESTIMATED WORKLOAD

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

> 41 timmar/vecka	0 (0%)
39-41 timmar/vecka	0 (0%)
36-38 timmar/vecka	0 (0%)
33-35 timmar/vecka	0 (0%)
30-32 timmar/vecka	0 (0%)
27-29 timmar/vecka	0 (0%)
24-26 timmar/vecka	0 (0%)
21-23 timmar/vecka	0 (0%)
18-20 timmar/vecka	0 (0%)
15-17 timmar/vecka	0 (0%)
12-14 timmar/vecka	0 (0%)
9-11 timmar/vecka	0 (0%)
6-8 timmar/vecka	2 (40%)
3-5 timmar/vecka	3 (60%)
0-2 timmar/vecka	0 (0%)

Number of respondents

Comments

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

The assignments took some time, perhaps two-three whole days.
It was a good balance for the workload as long as you are doing it regularly.
The workload was OK. it was not more that 40 hours that complies with course description.

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

The course was well organized. This means that we had all the material we needed. Also the questions were nicely formulated. Therefore about 7 hours per week were ok to understand the litearture and complete the assignments.
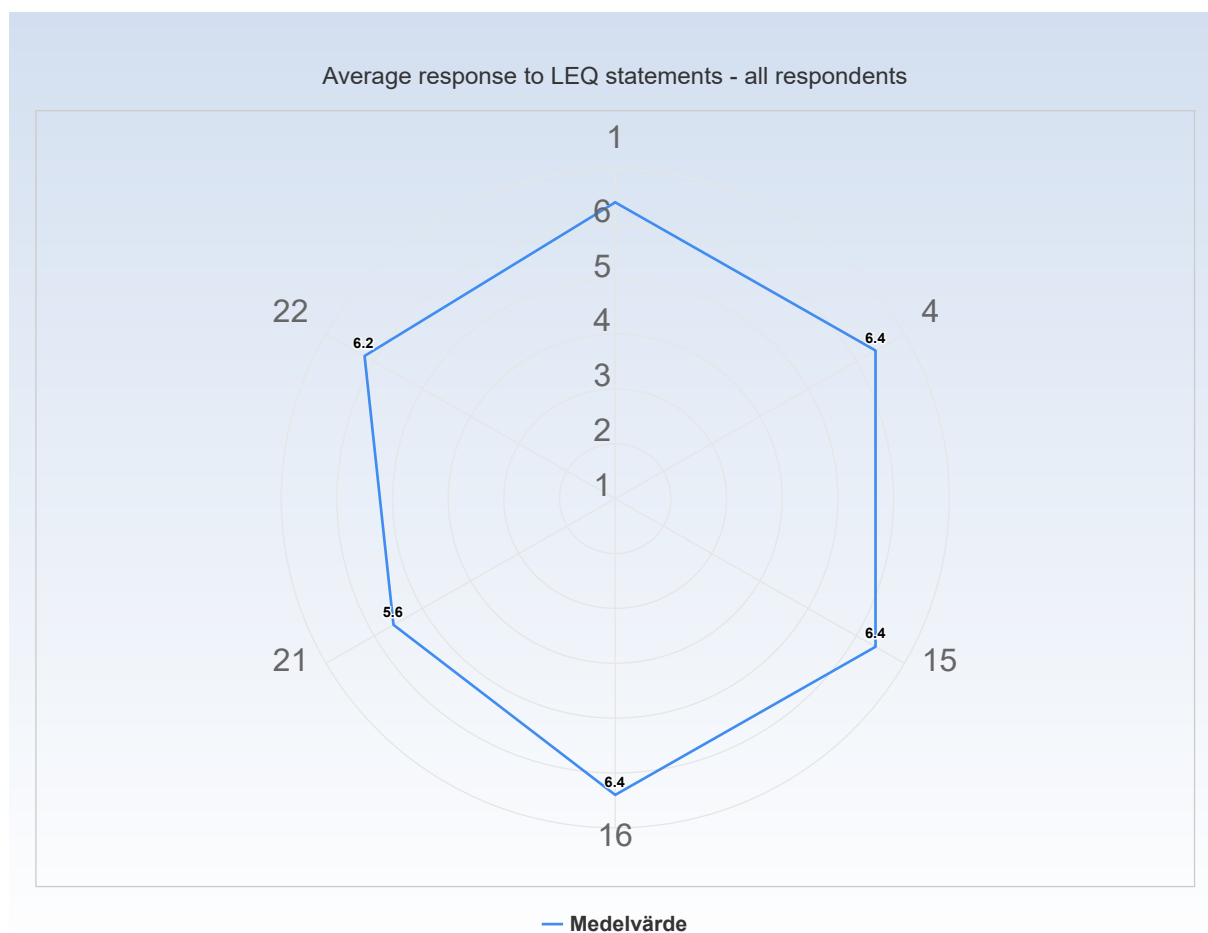
LEARNING EXPERIENCE

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

— Medelvärde

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.
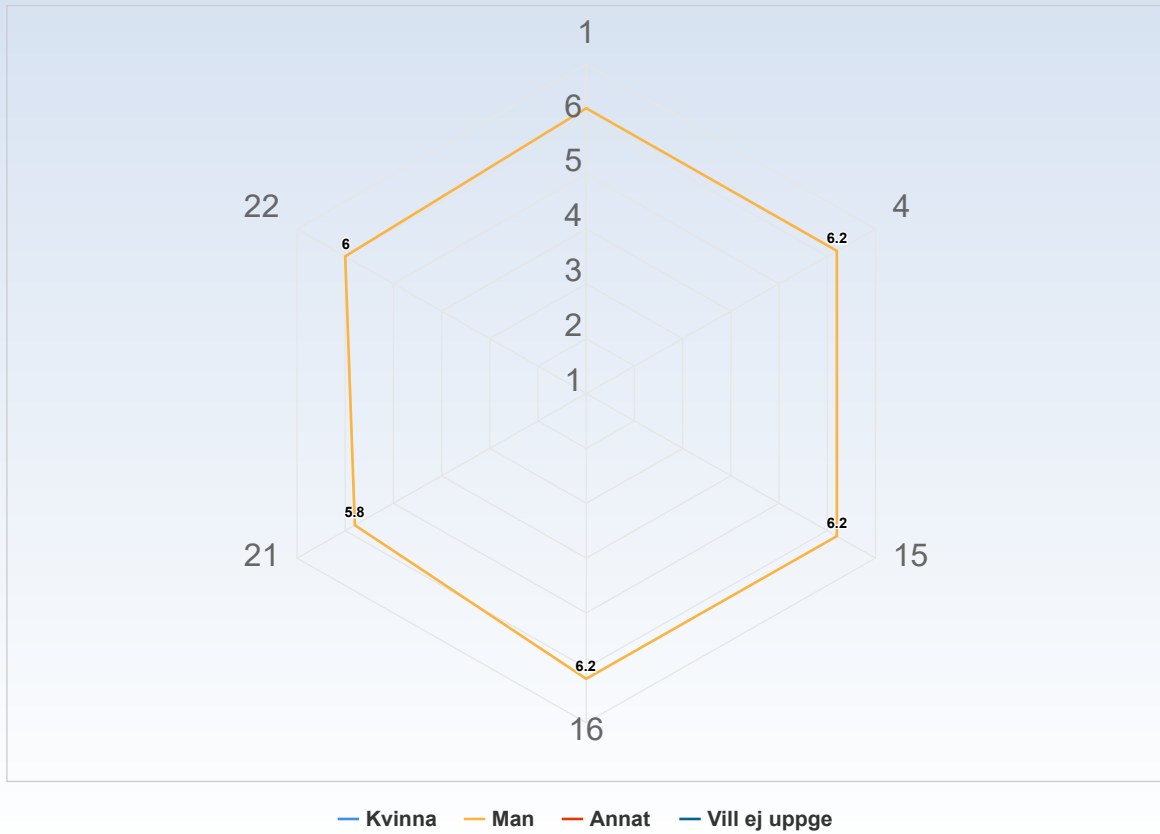

Biggs J. & Tang, C. (2011). *Teaching for Quality Learning at University*, Chapter 6, pp. 95-110. Maidenhead: McGraw Hill.

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

1
6
5
22   4   4
3
2
1

21   5.8   6.2   15

6.2
16

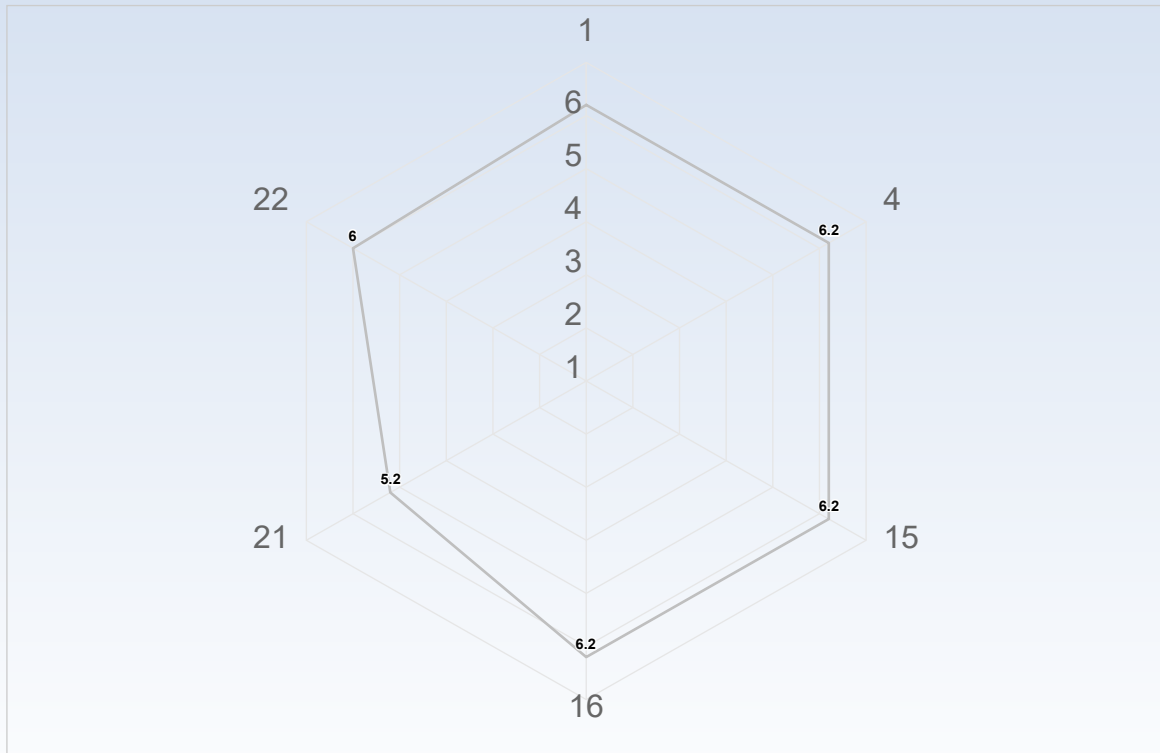— Kvinna   — Man   — Annat   — Vill ej uppge

Comments

Comments (I am: Man)

it was quite ok balanced, but I was expecting a bit more participants. Maybe some advertising will be good for the course.

Average response to LEQ statements - per type of student

Legend:
- Internationell masterstudent
- Internationell utbytesstudent
- Svensk student i årskurs 1-3
- Svensk student i årskurs 4-5
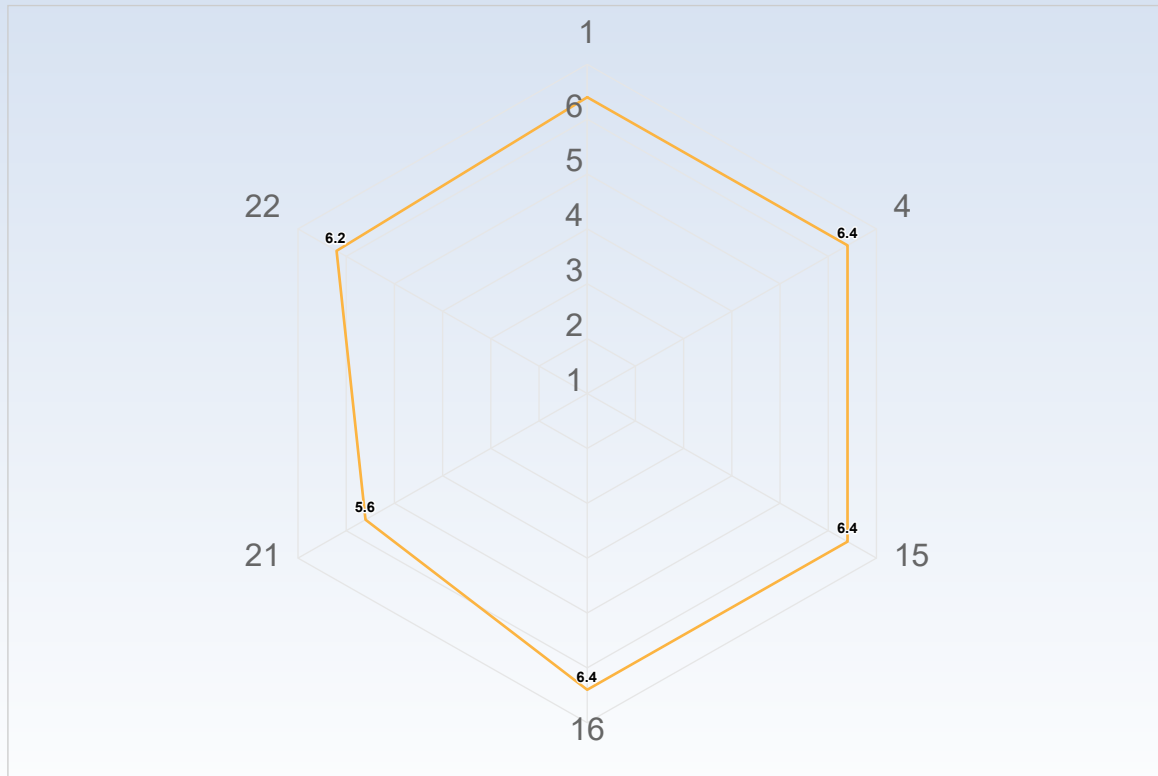- Annan typ av student
- Vill ej uppge

Comments

Comments (I am: Annan typ av student)
I am a researcher and teacher
Course results are important for all levels of students (MSc, PhD, Postdoc etc)

Average response to LEQ statements - per disability

Legend: — Ja   — Nej   — Vill ej uppge

(Radar chart values: 1: 6, 4: 6.4, 15: 6.4, 16: 6.4, 21: 5.6, 22: 6.2)

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 learned the grading criteria which I haven't think about before! and indeed it helps with my plan of the course and teaching as well as examination.

I think that conveying the idea of the importance of the grading criteria, was the best part of the course. It makes life easier after all for students and the teacher. No longer animosity what this or this grade, what is expected from the student, and how student will be graded.

That the course was in hybrid format.

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

The practical design of grading criteria that can be applied in many courses.

Guided tour of grading criteria, ILOs, etc., so I don't have to figure the details out only after students use them against me.

What would you suggest to improve?

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

would be better to have more lectures!

A little bit more examples for project-based courses. Especially from the field of production engineering. It was a hard time for me to relate my very practical course with some math or IT courses.

Keep as it is. The course is well planed and acieves it goals at least for me.

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

More help from teacher for assignments.

Highlight connections to Swedish law and regulations in a more structured way.

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)

take the course better earlier than later.

Ask questions, participate actively in all discussions, work systematically, keep deadlines, and participate in all meetings (even if not mandatory).

Please be aware of FX requirement in the course.

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

Make the ILOs and the grading as realistic as possible. Results can be used directly to courses.

Learn this stuff so you won't be one-upped by students who are playing the system.

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

I would like to suggest switching sometimes from sweet bans to fruits/veggies for fika. Also, for coffee served do not forget to order a vegan replacement of the regular milk. Not everyone is drinking animal milk :)

Thank you for very nicely organized course.

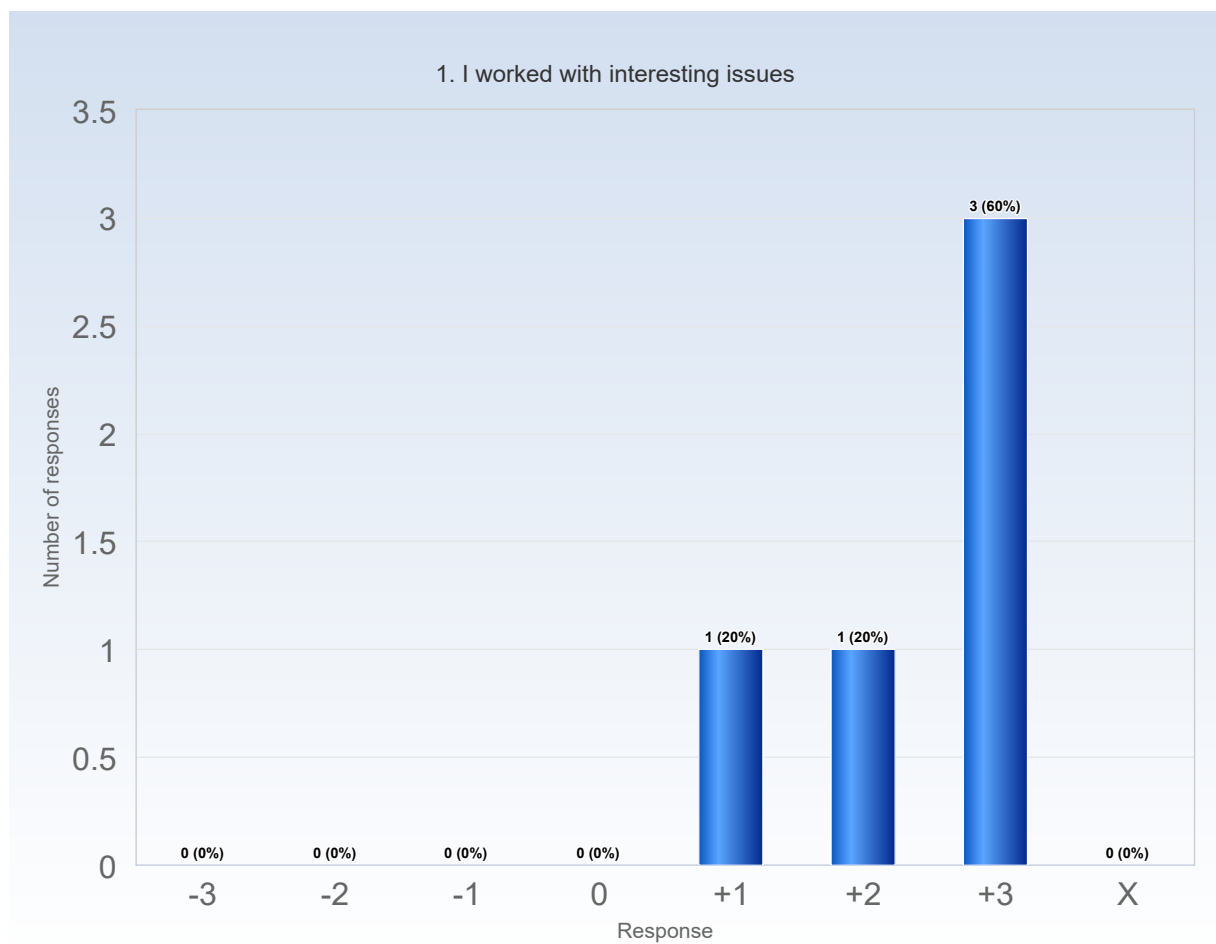# SPECIFIC QUESTIONS

RESPONSE DATA

The diagrams below show the detailed response to the LEQ statements. The response scale is defined by:
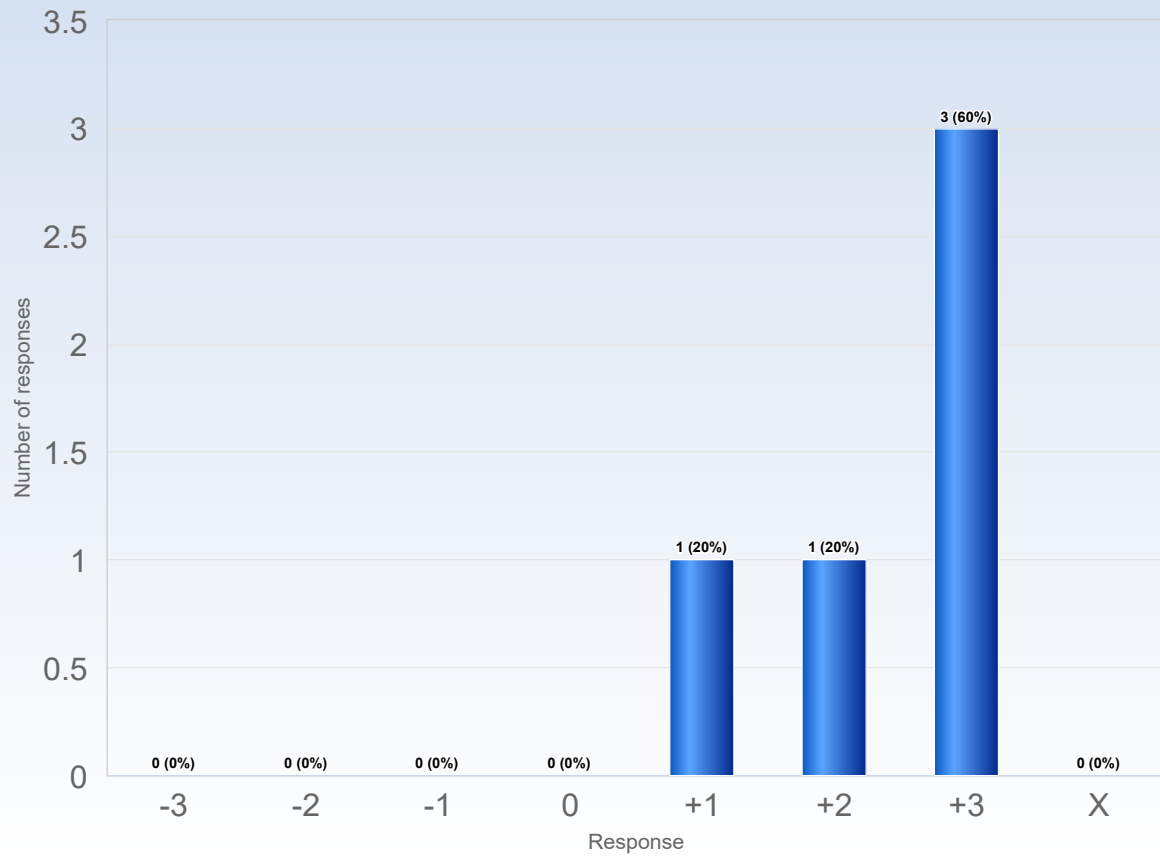
-3 = No, I strongly disagree with the statement
0 = I am neutral to the statement
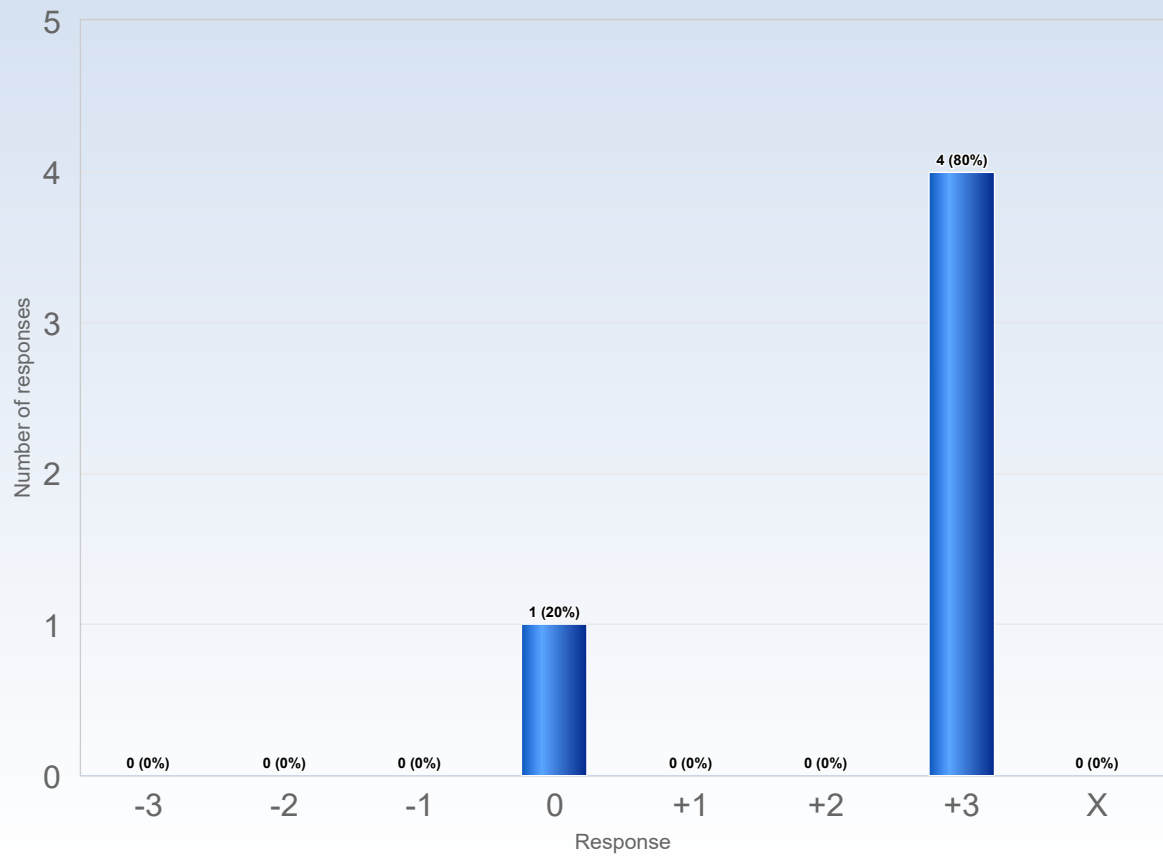+3 = Yes, I strongly agree with the statement

X = I decline to take a position on the statement
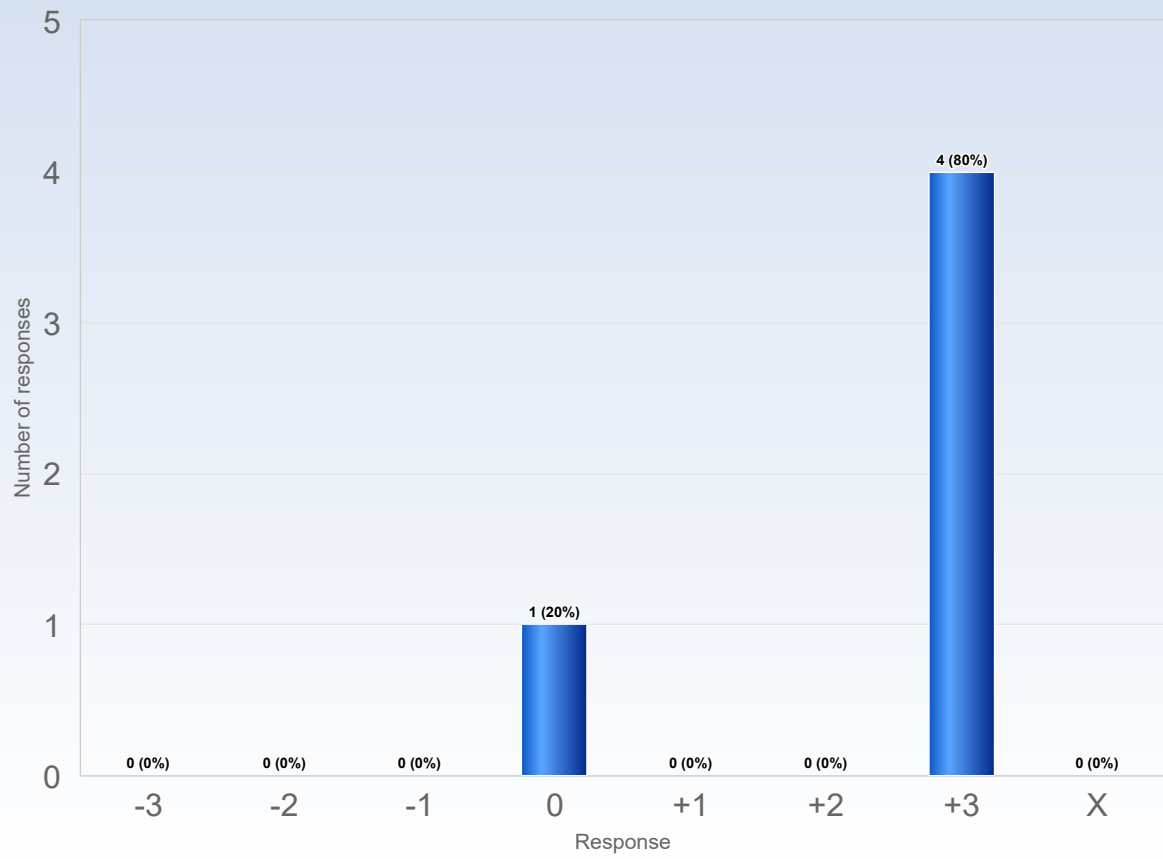
1. I worked with interesting issues

Response	-3	-2	-1	0	+1	+2	+3	X
Number of responses	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (20%)	1 (20%)	3 (60%)	0 (0%)

4. The course was challenging in a stimulating way

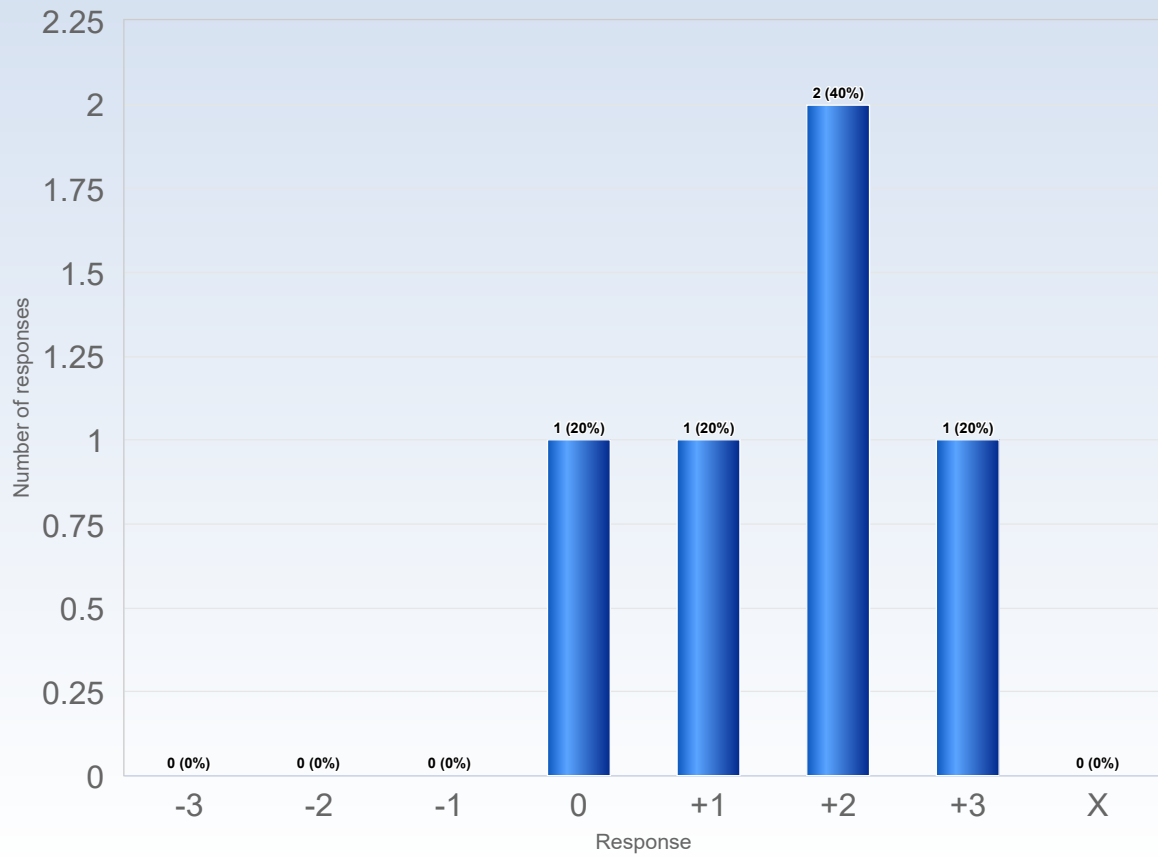# 15. I was able to practice and receive feedback without being graded

16. The assessment on the course was fair and honest

Number of responses (y-axis, 0 to 5)

Response (x-axis)

- -3: 0 (0%)
- -2: 0 (0%)
- -1: 0 (0%)
- 0: 1 (20%)
- +1: 0 (0%)
- +2: 0 (0%)
- +3: 4 (80%)
- X: 0 (0%)

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

Number of responses

Response	-3	-2	-1	0	+1	+2	+3	X
	0 (0%)	0 (0%)	0 (0%)	1 (20%)	1 (20%)	2 (40%)	1 (20%)	0 (0%)

Comments

Comments (My response was: +1)
I discussed with 3 peers, from 1 of them I learned alot

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