Antal respondenter: 21
Antal svar: 12
Svarsfrekvens: 57,14 %
Comments
(I worked: 0-2 timmar/vecka)
Eftersom antalet kalenderveckor från kursstart till kursslut är så många.

Comments (I worked: 3-5 timmar/vecka)
Although the course comprises 3 formal TLOs, the required workload is high, since the necessary work per TLO is very high.
Slow and boring. course doesn't mean its own objectives not what it tries to teach.

Comments (I worked: 6-8 timmar/vecka)
The time was obviously not spent continuously throughout the semester. It was used at selected sessions.
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**


Comments (I am: Vill ej uppge)

Not relevant for the course layout. It should be good for everyone regardless of gender.
Comments

Standardiserade enkätfrågor har sina för- och nackdelar. ;-)

I am a KTH Researcher with a lot of teaching responsibility.
**GENERAL QUESTIONS**

**What was the best aspect of the course?**

| (I worked: 0-2 timmar/vecka) | Genomtänkt upplägg, omfattande lista av bakgrundsmaterial. |
| (I worked: 3-5 timmar/vecka) | The best part of the course is going through the entire grading process through the specific example -- with explanations on how ILOs, TLOs, assessment and final grading can be made consistent -- that was shown. |

**What would you suggest to improve?**

| (I worked: 0-2 timmar/vecka) | Speciellt vid första träffen, fick jag känslen av att kursen framför allt var utformad för de redan frälsta, vilket kan ha gått att de flesta kursdeltagarna vid tidigare kursomgångar, men nu när det finns beslut på att dessa principer ska införas över hela KTH, kommer det att vara fler och fler kursdeltagare som inte är överlyckiga. Det finns också en del synpunkter som jag skulle ha velat ha mer tid till och utrymme för att diskutera alla olika aspekter. Det bör också finnas mer tid för att diskutera alla för- och nackdelar på ett öppet sätt. |
| (I worked: 3-5 timmar/vecka) | Some more KTH specific rules and regulations in written form would be useful, that would help to carefully exercise grading in practice that complies with the rules of authority act. |

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Do not use examples which are obviously not good examples of clear and good pedagogy and examination.
What advice would you like to give to future participants?

What advice would you like to give to future participants? (I worked: 0-2 timmar/vecka)
Ta chansen att testa idéer. Diskutera och frågasållt! Även om du själv är övertygad om att dessa idéer är bra, gäller det att ha testat argumenten om du ska kunna övertyga dina kollegor.
Read the course material, a lot of good things there. If possible attend the course with a colleague so that you can continuously discuss with each other.

What advice would you like to give to future participants? (I worked: 3-5 timmar/vecka)
Attend the TLOs and listen carefully.
Try to really engage in discussions and take note of the concrete examples you are given.
Follow first two classes carefully

What advice would you like to give to future participants? (I worked: 6-8 timmar/vecka)
Think twice about the value for spent time.

Is there anything else you would like to add?

Is there anything else you would like to add? (I worked: 0-2 timmar/vecka)
I enjoyed the course!

Is there anything else you would like to add? (I worked: 3-5 timmar/vecka)
It was not clear in the beginning that the home assignment would be graded this strictly. It would be more fair to warn course participants in advance.
Great course, thanks Viggo! I hope that criterion referenced grading can be implemented KTH-wide, as it is so much more valuable for assessing skills than a points-based grading system.
listen to teachers.

Is there anything else you would like to add? (I worked: 6-8 timmar/vecka)
No

SPECIFIC QUESTIONS
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
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

<table>
<thead>
<tr>
<th>Response</th>
<th>Number of responses</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>-3</td>
<td>2 (10.7%)</td>
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<tr>
<td>-2</td>
<td>1 (5.3%)</td>
<td></td>
</tr>
<tr>
<td>-1</td>
<td>0 (0.0%)</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>0 (0.0%)</td>
<td></td>
</tr>
<tr>
<td>+1</td>
<td>1 (0.3%)</td>
<td></td>
</tr>
<tr>
<td>+2</td>
<td>4 (33.3%)</td>
<td></td>
</tr>
<tr>
<td>+3</td>
<td>4 (33.3%)</td>
<td></td>
</tr>
<tr>
<td>X</td>
<td>0 (0.0%)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Response</th>
<th>Number of responses</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3</td>
<td>1 (6.3%)</td>
<td></td>
</tr>
<tr>
<td>-2</td>
<td>0 (0.0%)</td>
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<tr>
<td>-1</td>
<td>0 (0.0%)</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>0 (0.0%)</td>
<td></td>
</tr>
<tr>
<td>+1</td>
<td>4 (22.3%)</td>
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</tr>
<tr>
<td>+2</td>
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<tr>
<td>+3</td>
<td>6 (60.0%)</td>
<td></td>
</tr>
<tr>
<td>X</td>
<td>0 (0.0%)</td>
<td></td>
</tr>
</tbody>
</table>
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

Number of responses

Response

-3  -2  -1  0  +1  +2  +3  X

0 (0.0%)  0 (0.0%)  0 (0.0%)  2 (16.7%)  2 (16.7%)  3 (25.0%)  8 (41.7%)  0 (0.0%)

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

-3 (16.7%)  0 (0.0%)  0 (0.0%)  0 (0.0%)  2 (16.7%)  2 (16.7%)  8 (41.7%)  1 (5.3%)

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

Comments

Comments (My response was: X)

This is really not applicable, or have I missed something?
14. I received regular feedback that helped me to see my progress

![Bar chart showing responses]

Comments

Comments (My response was: -1)

Difficult to answer since it was a short course
15. I could practice and receive feedback without being graded

![Bar chart](chart.png)

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

Comments

Comments (My response was: X )

This is difficult to answer. I do not think that feedback from colleagues counts here and any other assessment did not take place (yet)
17. My background knowledge was sufficient to follow the course

Comments
Comments (My response was: -2)

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

Comments
Comments

(My response was: -2)

- All välja är inte alltid bra. Risk finns att man väljer något som inte är tillräckligt utmanande.
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