

Report - DH2642 - 2022-04-25

Respondents: 1
Answer Count: 1
Answer Frequency: 100.00%

Please note that there is only one respondent to this form: the person that performs the course analysis.

Course analysis carried out by (name, e-mail):

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DESCRIPTION OF THE COURSE EVALUATION PROCESS

Describe the course evaluation process. Describe how all students have been given the possibility to give their opinions on the course. Describe how aspects regarding gender, and disabled students are investigated.

Students are required to ask questions about the course material when submitting labs in the course. This enables us to quickly react to concerns and update lecture material if needed. Additionally, students can always express their opinions during lab hours, however they are not explicitly prompted to.

At the end of the course, students are asked to fill out the LEQ as well as submit a personal reflection for how the group project went. These are opportunities to express more thought out opinions and influence how the course is given the next year. Through the LEQ results, we are also able to investigate aspects regarding gender and disabled students.

DESCRIPTION OF MEETINGS WITH STUDENTS

Describe which meetings that has been arranged with students during the course and after its completion. (The outcomes of these meetings should be reported under 7, below.)

Students meet with TAs (either individually or in pairs) when they present their labs and optionally if they need help during the labs. During the second half of the course, student groups of up to 4 students are assigned project coaches available for regular meetings. After the main part of the course has concluded and students have turned in their projects, there is an obligatory presentation where selected students present their project to the rest of the class, including some TAs and the course examiner. The audience is able to ask questions during the presentations.

COURSE DESIGN

Briefly describe the course design (learning activities, examinations) and any changes that have been implemented since the last course offering.

The course is evenly divided into two parts. The first of which consists of a set of three tutorials in which students get an overview of all the key concepts. The first tutorial is done individually, and the remaining two are done in pairs. The students are examined orally (P/F) after completing the tutorials, in order to make sure no one gets behind. A change from the last course offering is that we now offer course material on OLI, which is a digital tool where students can answer quizzes and read more about course material.

During the second part of the course, students come up with a project which includes the concepts they have learned about during the first half of the course. The project is done in student-selected groups of 2-4 people. The project is then graded (A-F) according to a rubric available on the course Canvas page. Some selected groups present their project to the class, with a short demo and explanation of how it works, as well as answering questions from their peers.

During the project we have a discussion panel with selected people from the industry. Students may learn about more advanced topics which they might want to include in their project. Students also get some insight on how it is to work within the industry.

THE STUDENTS' WORKLOAD

Does the students' workload correspond to the expected level (40 hours/1.5 credits)? If there is a significant deviation from the expected, what can be the reason?

The expected workload from the course is 20 hours per week during P2. The self-estimated workload from the LEQ is distributed around 24-26 hours a week. However, there are a few outliers who spend a significant amount of time (>41 hours). Among the students who spend a lot of time on the course (>26 hours), most complain about the labs taking too much time, often because students feel they don't have enough prerequisite knowledge. In general, there is a lot of variation in self-reported time spent on the project part of the course, which is to be expected, since the workload is entirely up to the students.

The high workload can also possibly be caused by the fact that students do not know what is "good enough" or "correct" at the lab, because lack of clarity can lead to loss of time.

THE STUDENTS' RESULTS

How well have the students succeeded on the course? If there are significant differences compared to previous course offerings, what can be the reason?

The grades for this course are generally pretty high, which represents the fact that most students perform very well.

STUDENTS' ANSWERS TO OPEN QUESTIONS

What does students say in response to the open questions?

The most appreciated aspect of the course is the project and the students' ability to choose what they want to do. Students also enjoy the subject in general and like that the course content is modern and applicable to work situations.

In general, students find the lab instructions to be inadequate. A common remark is that they are not specific enough, and thus students not knowing what the course expects them to do. Students also reported too long wait-times for help during the labs.

Specifically, students would also like more help/instructions with Firebase.

SUMMARY OF STUDENTS' OPINIONS

Summarize the outcome of the questionnaire, as well as opinions emerging at meetings with students.

Most students seem to like the course, and the general major criticism is that students feel they don't know enough before starting the course. This applies to most aspects, some feel like they only would need some JS experience, some also feel HTML/CSS is necessary and some claim they would need to be familiar with React/Vue before starting the course. However, most students still succeed very well in the course. The course load is reported to be slightly too high.

OVERALL IMPRESSION

Summarize the teachers' overall impressions of the course offering in relation to students' results and their evaluation of the course, as well as in relation to the changes implemented since last course offering.

We are very happy with the course in general, however there are some key issues. Mainly: queue time to get help can be shortened and lab instructions can be more clear.

ANALYSIS

Is it possible to identify stronger and weaker areas in the learning environment based on the information you have gathered during the evaluation and analysis process? What can the reason for these be? Are there significant difference in experience between:

- students identifying as female and male?
 - international and national students?
 - students with or without disabilities?
-

The strong area with the course is the general course outline, with tutorials during the first half and a project during the second half. We believe that many people like to be creative and independent, which is why the project is good. Some kind of tutorial is needed in order to have students learn the course material before starting with a project.

One of the weaker areas are the lab instructions. Students might spend a lot of time because they believe the instructions are unclear. Additionally, queue times to get help during labs are very long, which might also lead to students spending too much time on the course.

We cannot see significant differences depending on gender, nationality or disability.

PRIORITIZED COURSE DEVELOPMENT

What aspects of the course should be developed primarily? How can these aspects be developed in short and long term?

The main priority for the next course offering is to improve the lab instructions. This can be done with automated unit tests, so that students can easily check that their code fulfils the criteria for the lab. Additionally, more code can be supplied inside of "code skeleton files", instead of having code samples in the instructions.

We will also experiment with a new queue system on GitHub. The new queue is open around the clock, meaning that students can pose their questions at any time instead of just at lab hours. However, TA availability is important for the success of such a queue.

Both of these aspects are more short term, however, we must observe the impact of such changes and determine whether they are good for the course or not.

Lastly, the online quizzes and material can always be improved. This can be improved in the long term as well as the short term. Small changes to the online material can be made for each course offering.

DH2642 - 2021-12-22

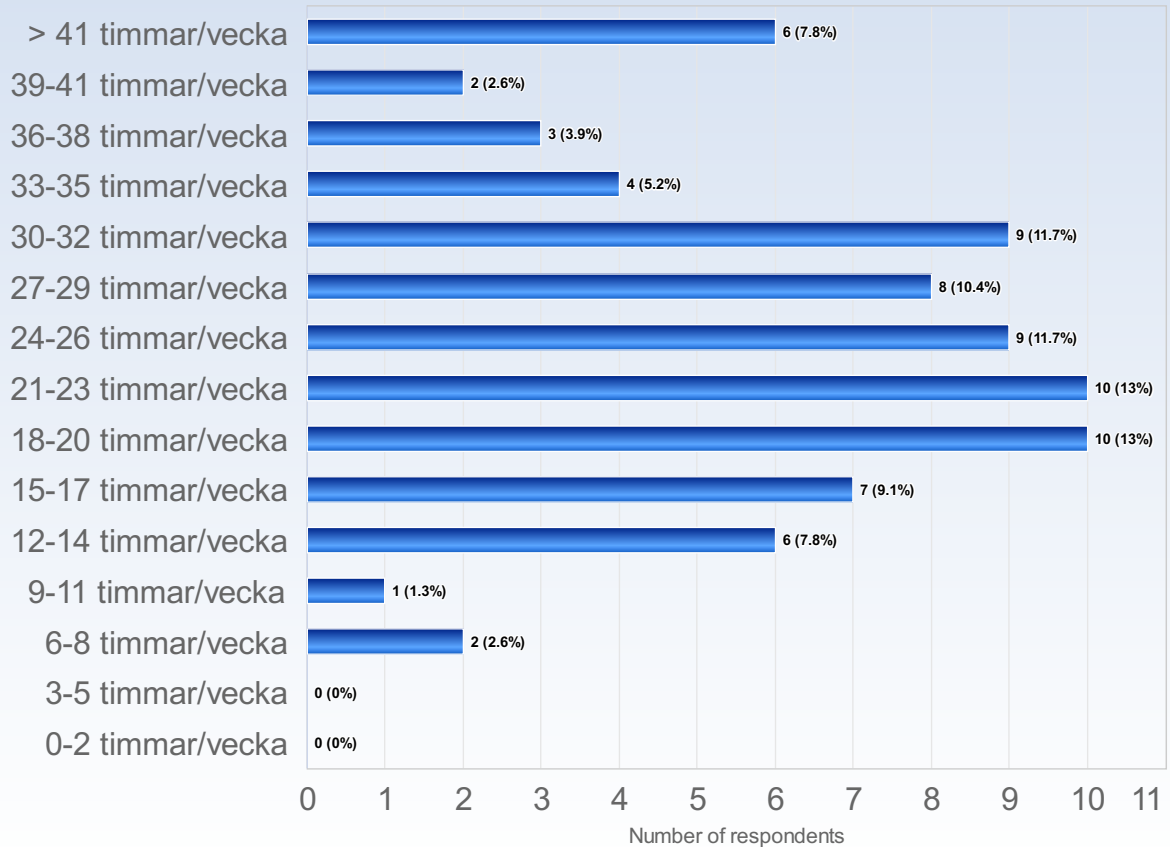
Antal respondenter: 259

Antal svar: 79

Svarsfrekvens: 30,50 %

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)

I think the workload was evenly spread, but of course we spend more time in the end for the project.

Since my group didn't start thinking about project ideas and design until TW3 was finished we were a bit behind on the project. This caused the over all time investment to be very centered around the project weeks, where i worked around 10 hours a day to try and finish the project. This may, of course, be an issue with planning on my part.

Comments (I worked: 12-14 timmar/vecka)

During the tw weeks its was very stressful and a lot of work, hard to find time for other courses. During the project it was easier since you could divide the work among group members. which lead to less work than during the tw weeks

i really have no clue how to estimate this

The assignments took way too long to finish and we're confusing

I had some prior experience working with web development. I believe this was sufficient to recap what I had missed and pick up on new topics, to finish the labs and the project.

The course work load was good for this course, as interaction programming courses requires some work from students so it was fair enough.

Comments (I worked: 15-17 timmar/vecka)

Some of this was due to our group having a lot of problem with the API we chose for the project. But otherwise I feel like there wasnt a problem with how much time spent, I just wish I didnt have so many other tough courses going on at the same time so we could work more to improve the project.

A bit messa during the tutorial weeks, which made me spenderat more hours/week in the beginning.

Lectures are really good and I didn't need to spend much more time for learning what was presented during lecture. Labs are good practice of what was presented during lectures and I have spent 2-3 hours a day on labs.

Comments (I worked: 18-20 timmar/vecka)

The assignments took much longer to do and understand because of really messy instructions.

It was fine, I jsut wish it was the only course I had to take this period.

The course tempo was perfect. You were still challenged during the tutorial weeks and then it was up to the project group to manage the rest of the time accordingly.

It deppends on the week and the other courses.

This course is not meant to be taken during one period unless you already have lots of experience with javascript, react and web development in general. The labs were good and I learned a lot, until I started the project and realized how little I really knew. The labs cover the basics and are barely enough for an E in the project.

Comments (I worked: 21-23 timmar/vecka)

I'm happy I found the course so fun, or else it would've been hard to spend all the time which were necessary.

Compared to other courses, I had a spend a looooot of time on this course. It eclipsed everything else by a far margin.

The overall work needed on the course felt good, in my case the work was done mostly in a span of 3-4 days per week.

We had to spend so much more time that would have been necessary each lab. The instructions were very unclear and therefore most of the time went to trying to figure out what we actually had to do and how to do it.

Labs and the project took a lot of time (a lot more than half time). When the project started not much time was spent working with the course, so I choose the average value of hours per week.

Comments (I worked: 24-26 timmar/vecka)

reasonable workload.

The workload increase a lot during the project portion of the course.

The project took up most of the time for sure.

Workload was perfect, Im completly new to JS, CSS. And felt like i lernt alot in this course.

required time needed to finish all assignments on time!

It is quite unbalanced, because in the first few weeks you don't have that much work (with the labs) but on the second part you have a rather small period to create the final project, which means that during those 20 days you have to work way more

Comments (I worked: 27-29 timmar/vecka)

This course took up a lot of time

Amount of time definitely increased during project weeks.

Was a good structure with the amount of work!

I study media technology, and have very limited experience with technologies and concepts brought up in the course. I found it hard to stay in track with the course.

a lot of time was needed, instruction were hard to follow and arrangement for the labs didn't fit my style of learning.

This is standard KTH, a bit more then average, always. Weekends and evenings are a must to perform a decent/good job.

Comments (I worked: 30-32 timmar/vecka)

Förutom föreläsningarna så tog det tid att göra labbarna och projektet då js var helt nytt för mig. Så jag fick sitta enhel del med att lära mig det.

The course had a few deadlines and working with react took some time to learn. In the project there was always something to improve or some bug to get rid of.

The project needed a lot of time, much more than the HP would suggest!

Because it was fun.

The course took relatively many hours in relation to the Högskolepoäng gained.

This course really demands a lot of attention, time, and work, but it's totally worth it.

I feel like I worked more than the hours that the ecs estimated. I had to give another course less priority because of this.

The labs were really hard to understand, because the descriptions were unclear. This resulted in that we had to devote a lot of time to it in order to be done on time.

Comments (I worked: 33-35 timmar/vecka)

Very high work load, we have also had 2 other courses during this period so it has been really tough.

If was kind of difficult to manage the other course since the labs and project for this course took all the time but i think it went well for me after all.

In general, I would say that the workload is easily manageable in 12-14 hours per week, especially if you have programming/coding skills.

However, due to the structure.(group project, and lab), the final time spent increased exponentially due to having to explain concepts and do a large part of the work alone or redo parts of the lab/ project.

This is the result of a poor teaching outcome since my group colleagues (both lab and project) had no understanding of concepts that should have been known before starting the project from the course material. Also, the information presented in the course was not organized and this might be a reason for the confusion. However, I do hope that this is an isolated case and other students have a minimal understanding of the concepts presented in the course, otherwise, the learning outcomes of this course can be scrapped out.

I should have put aside more time for the project. However i felt that the time given for the tutorial labs was not enough for me personally.

Comments (I worked: 39-41 timmar/vecka)

It was an interesting course to take. The fact that I had some experience in JavaScript really helped with some of the more challenging parts of the tasks.

Very difficult to estimate but A LOT

Comments (I worked: > 41 timmar/vecka)

This course was extremely difficult, not just understanding the content, but also understanding the course material. Each lab took several workdays to complete, each slide taking up to an hour. It felt like there was no help from the lecturer and teaching assistants, so we had to test our way forwards.

The labs were pain. For a first timer this was not okay. You had to know a lot before starting such as Javascript and react or vue. The labs should be done separately otherwise YOU DONT LEARN ANYTHING. Because doing this way it took so long time to finish. If I didn't do it by myself I wouldn't learn anything.

It's not that the tasks are too big, but the instructions on the labs are too vague, me and my partner spent 3 days together trying to just understand what one slide was telling us to do. And when I say 3 days I mean two people for three 8-hour days, that's 48 man hours to interpret one slide.

vi ville utnyttja kursen på bästa sätt. så vi passade på att göra en app som var väldigt tidskrävande. för att vi ville lära oss så mycket som möjligt om iterationsprogrammering. Det jag försöker säga är att arbetsbelastningen var självförvållad. Om vi hade valt ett genomsnittligt projekt, är min uppskattning att 20 timmar per vecka hade varit tillräckligt.

The course load for this felt too heavy given that it was only one period. I felt incredibly stressed during the entire course. The labs were so extensive that one would need an entire period just to complete them and truly understand the code that one is writing. The same goes for the project, it should have its own period as well given the heavy labs.

It was way too much work in this course and I had no free time due to all deadlines

LEARNING EXPERIENCE

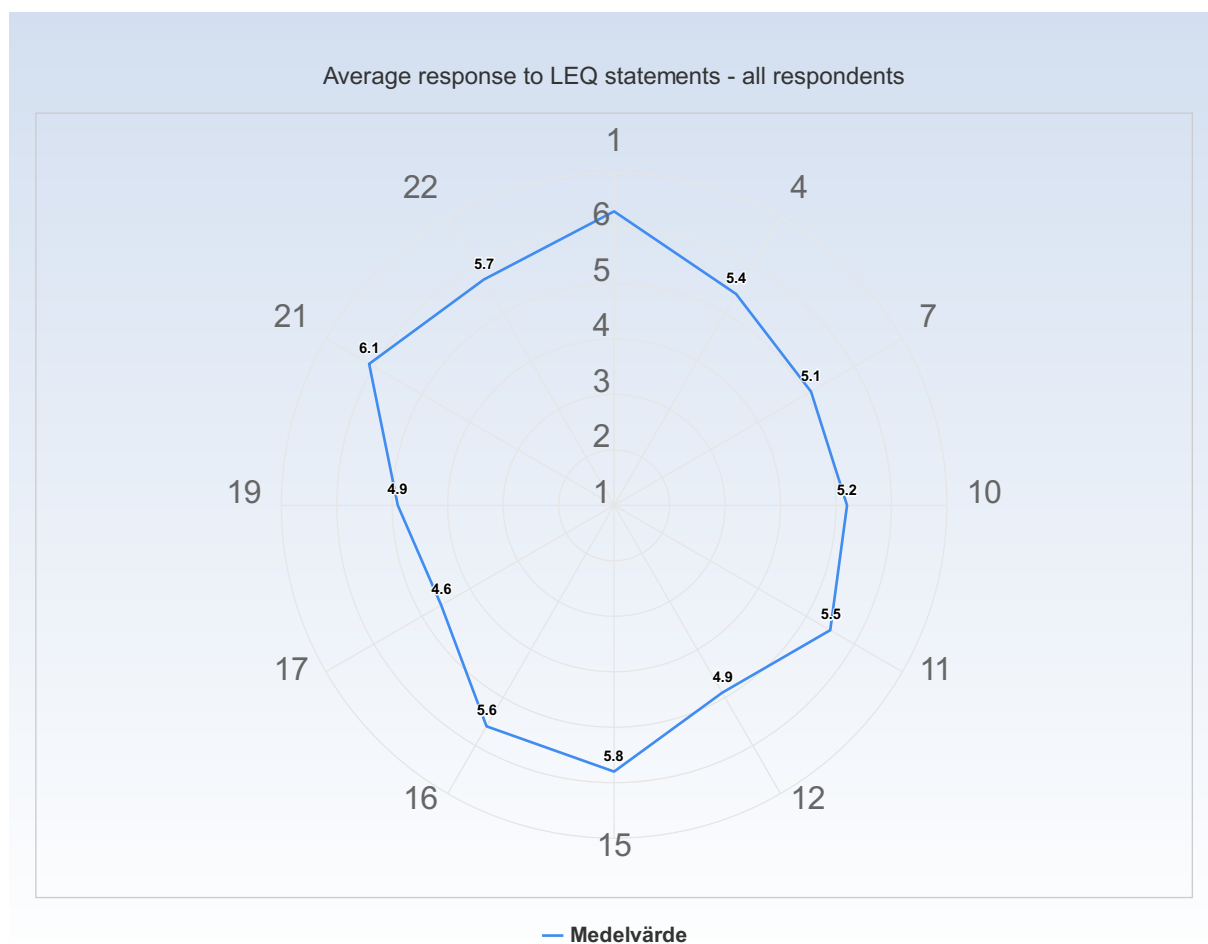
The polar diagrams below show the average response to the LEQ statements for different groups of respondents (only valid responses are included). The scale that is used in the diagrams is defined by:

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.



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.

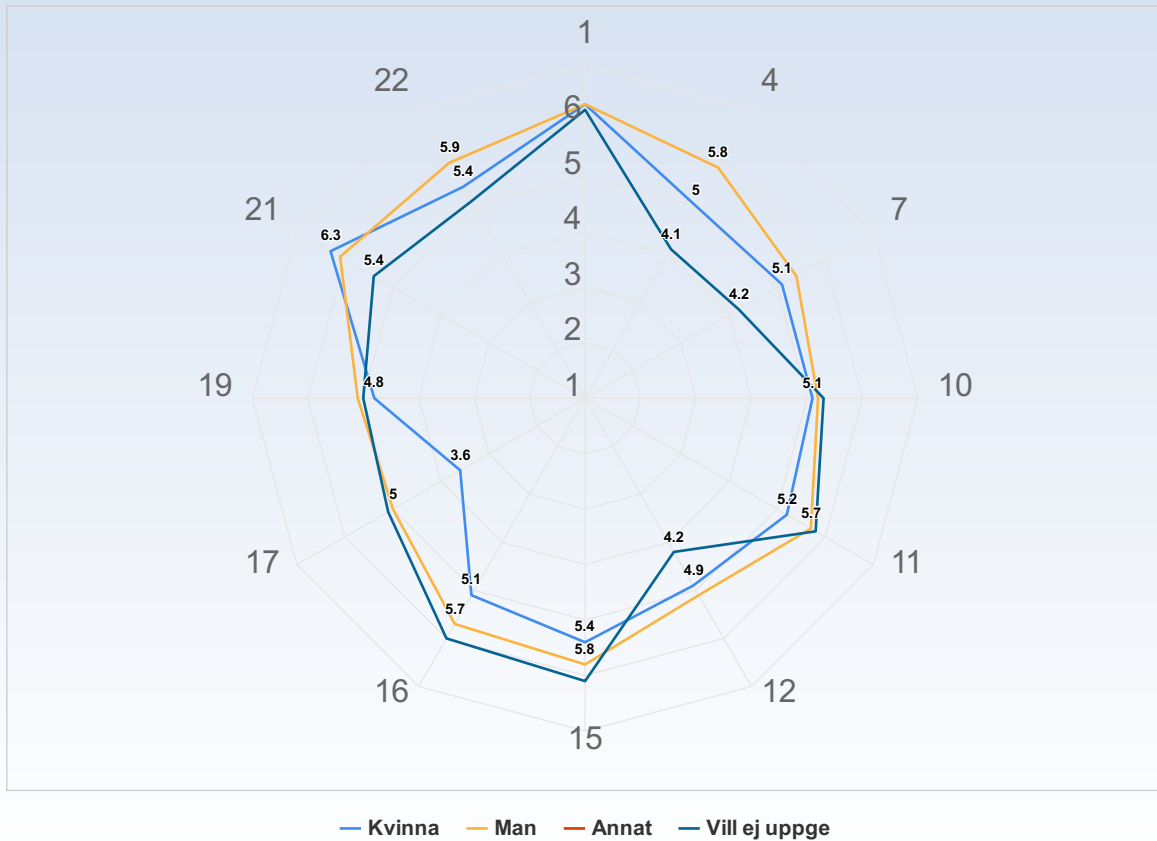
Biggs J. & Tang, C. (2011). *Teaching for Quality Learning at University*, Chapter 6, pp. 95-110. Maidenhead: McGraw Hill.

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



Comments

Comments (I am: Kvinna)

Nothing that bothered me, everything worked perfectly from that perspective.

I have no comments.

nothing to mention.

Comments (I am: Man)

I started working with TypeScript during the summer and knew basic HTML and CSS since before.

I didn't really notice any gender based content of the course. Maybe we had a quite stereotypical manly discussion in thje project group.

more linear teaching. how should we know B if we havent gone through A

Didnt experience anything different from the other people

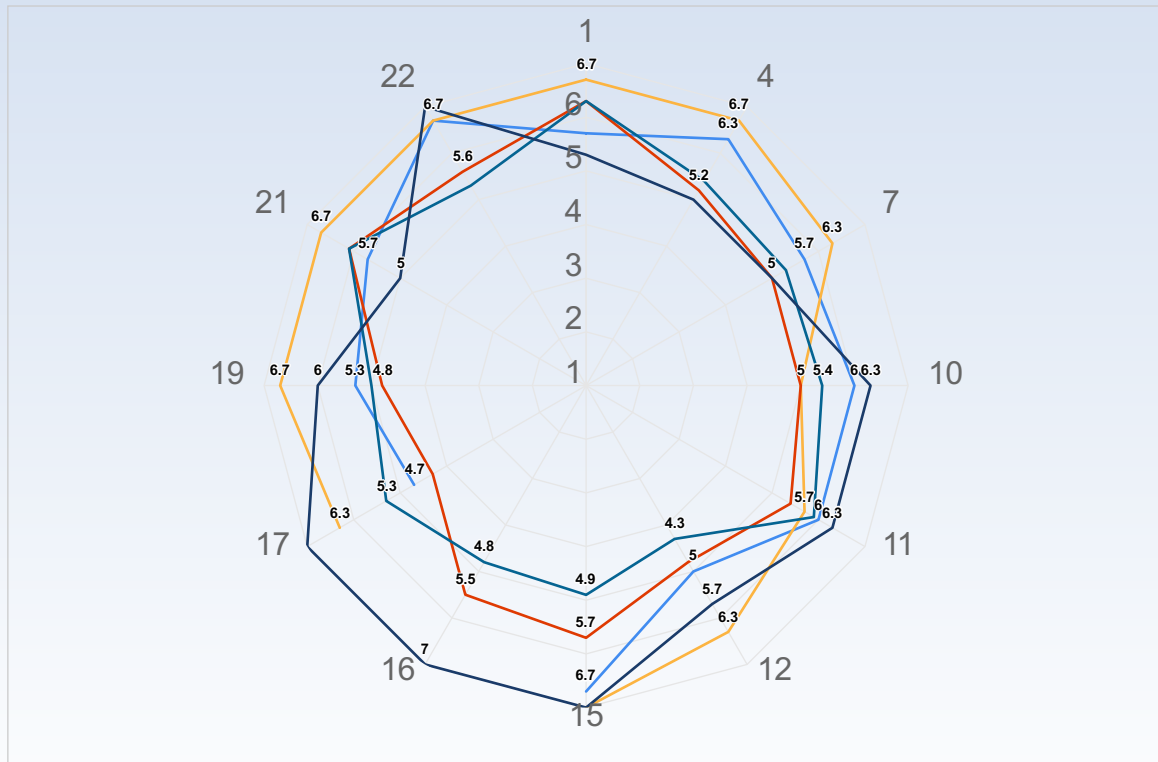
Dont matter what gender you have in this course.

inget jag har funderat över eller reagerat på

No big difference in regards to gender

We were four guys in my group. I don't have anything else to add.

Average response to LEQ statements - per type of student



— 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: Internationell masterstudent)

nothing to mention. at the beginning it was not clear wether the course was in Swedish but it was solved quickly

Comments (I am: Internationell utbytesstudent)

I almost never felt I couldn't understand something because I don't speak swedish, which is nice.

No big difference in regards to the type of student.

Comments (I am: Svensk student i årskurs 1-3)

I would not have been able to do my project without my previous knowledge in JavaScript. With only the knowledge gained from KTH I would not have been able to reach the same amount of complexity when it comes to the project.

Fun to leave python and use other languages

more linear teaching. how should we know B if we havent gone through A

This was a good course even if it was advanced, I had 2 other courses running at the same time and one of them was also a master course.

The course felt very heavy and high level for me as a second year student.

...

it was a lot of ad hoc learning

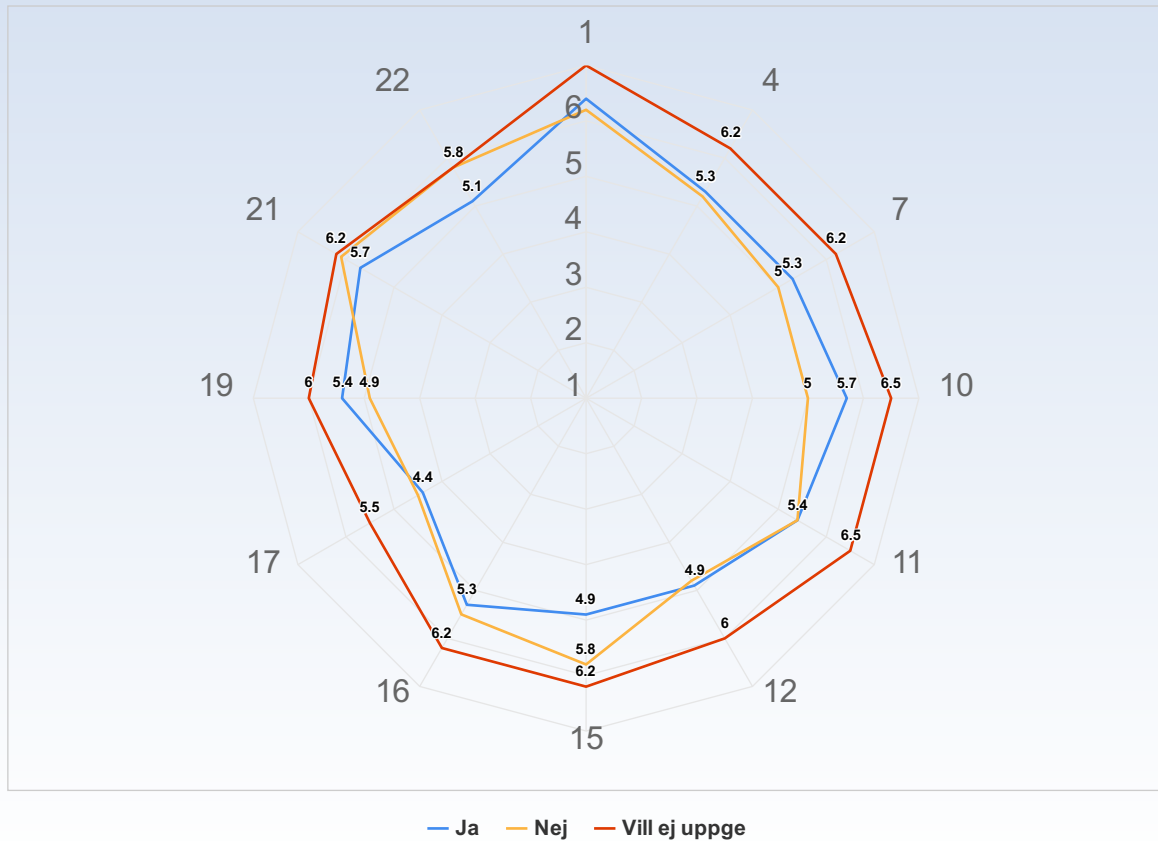
Comments (I am: Annan typ av student)

There's never an available choice that suits me since there is only one program in the entirety of KTH that has this kind of students, but I'm an international bachelor student, which makes me feel excluded from society in Sweden in general. As an example, I present to you the possible answers to this question.

Comments (I am: Vill ej uppge)

Nothing to add here. Students were more or less treated equally...

Average response to LEQ statements - per disability



Comments

Comments (My response was: Ja)

ADHD

Ive got dyslexia, i cant find anything that made me feel like i "lost" infomration. Also by showing tools like Lint and code formating tools was awesome! will be useing that in furture.

Autism: the structure of the TW had me pulling my hair more than once. A lot of the instruktions were ambiguous which had me stuck for way too long.

Comments (My response was: Nej)

more linear teaching. how should we know B if we havent gone through A

Don't know, starting to question whether I might be a little slow

-

GENERAL QUESTIONS

What was the best aspect of the course?

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

Working with relevant frameworks and getting experience I can use in the real world.

I had a great time with the project. Although it really felt like we over-scoped during our very short design and planning phase, we managed to finish on time.

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

Att man fick så fria händer med projektet

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

The lab was interesting and a "project" that i could see in real life.

i liked the OLI /question based learning material

It was interesting to finally learn about Web development

I loved the project. It was nice to apply the knowledge I had obtained from labs to make a larger project.

The teaching method was really enjoyable along with OLI participation for learning and getting easy bonus points.

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

The freedom of having to pick to do whatever you want during the project was a really fun thing since you could be as creative as you want

Internationella subject

Labs, the possibility to get help almost every day

The project.

The project was a fun and engaging way to learn.

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

Interesting material to learn

The best part of this course is that it actually shows what some work after the education can look like. It was really fun to work in group on a bigger project.

Front-end development is very fun and it's rewarding to see your website working.

It was very hands-on and real life applicable. It felt like it prepared me for work, and not just for academia. I liked the tutorials.

The tutorial project was a really great challenging way of introducing javascript/react where you really learnt a lot. The project was a fun way of implementing newly learned skills.

Being able to develop what you want

It was good that the tutorials were relatively easy to follow and straight-forward

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

The project was really fun and I learned a lot.

We learned little about everything, which enables you as a student to learn more on your own later.

To be able to choose your own project to work on.

You learn very relevant and popular technologies like Javascript and React.

To be able to do your own project at the end of the course. I didn't have any previous experience in html/react/vue/javascript so having tutorial weeks helped a lot. I don't think it would be possible to do a final project without the tutorial weeks (for beginners).

Learning new programming languages.

The contents of the course were very interesting, such as developing the dinnerplanner in the labs and working on a project.

I think the project was the best aspect

projecg

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

working with react and js.

I really enjoyed the freedom of choosing an interesting project. Learning React was also really good.

The project 100%

The layout of the course was well done.

The planning of the course, the information and the structure was fantastic!

Kursen täckte mycket och gav en komplett bild av webbutveckling.

That we got to make a "real" app and had a great TA (Anton Forsman)!

The freedom of the project: we can choose to do whatever, which makes the project very interesting

Learning Js, how to connect to an api and vue was very interesting.

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

Interesting topics.

The freedom of the projekt

Practical, useful knowledge learned. Fun (not to mention educative) project!

Correct amount of work, with nice labs that made the project easier.

I really enjoyed that everything in this course was in a form of assignment, lab or project because I believe that is the best way to learn. And how we did the labs step by step first and then had the opportunity to the project based on what we learned during the labs.

Making the project.

interesting topics, felt relevant and up to date

It was fun to build a website using the knowledge obtained in the course

What was the best aspect of the course? (I worked: 30-32 timmar/vecka)

Det bästa med kursen är att få jobba med ett nytt språk(JavaScript) och att få lära sig några frameworks som Vue och react.

Creating a project with some good mates.

The help from the TA:s and the labs. Absolutely great!

Gaining practical experience with relevant frameworks like React

The best thing about this course is the big hands-on experience you get with it. You get to fully understand the technologies used for development and actually make a project and implement them. So basically you get real-world experience, which is great.

the lectures were very good. teacher coded during the lecture making it a lot more "tangible"

That I learned more about web development

What was the best aspect of the course? (I worked: 33-35 timmar/vecka)

Doing your own project was really fun, a nice way to learn!

The content was super interesting. As a person who have not worked with javascript before, i feel it became something that I want to continue with. The labs and the project were stressful and it felt like 24 hours of a day was not enough to be able to make it on time but as I said it was very exciting and interesting.

That it involved programming and a project with free choice of topic.

The tutorial labs, because you could learn the basics for the course.

What was the best aspect of the course? (I worked: 39-41 timmar/vecka)

The project which was good because it allowed for so much self-learning and experience.

Learned a lot

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

Honestly, I didn't feel like there were any good aspects to this course. I think the course had the potential to be very interesting, but the structure of the course made it very difficult to keep up with the course, making this period extremely stressful.

To make your own project

Det bästa var flexibiliteten. I början var det mycket styrt av deadlines, vilket gjorde att vi fick styra över vår tid själva vilket var uppskattat. Även att allt kursmaterial fanns tillgängligt från början så man kunde arbeta för schemat om man hade andra prioriteringar privat eller i skolan. Något värt att nämna är att Christian är en fantastisk föreläsare och väldigt skicklig i sin retorik och pedagogik på både svenska och engelska. Att Christian är väldigt flexibel och mottaglig för feedback gör att det blir otroligt enkelt att gå igenom kursen. Hans nyfikenhet och vilja att förbättra kursen är svår att missa. Han sätter ett väldigt bra exempel för många lärare inom kth.

The best aspect of the course would have been the project if I had felt that I had the necessary knowledge to complete it. However, the labs were not constructed in a way that made learning easy (there was a lot of copy-paste code and very few truly giving todo tasks) so the project quickly became overwhelming.

It was fun to build a project from scratch

What would you suggest to improve?

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

The lectures are very messy and having the same whole deck of over 200 pages for all is not a great solution. Would be great if the lectures had separate slides/files, and more structured lectures and code parts.

Be a bit more clear on the tools we are allowed to use. For example, we had no idea if we could use anything other than React/Vue and firebase and some api for data fetching and so on. We ended up using Semantic-UI for UI design but we had to look through the html headers of projects from earlier years to determine if it was allowed or not.

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

Att alla föreläsningar och labbar var ihoptryckta på de tre första veckorna

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

Smaller tw or more time

shorter course evaluations

higher the prerequisites

Better written assignment and a closer connection to how it seems to be done for real

Perhaps involve some more back-end work. Felt like it was too much front-end heavy work.

The world of web and interaction is changing rapidly. The course and the teacher suggests to write most of the code from framework independent and don't use all the time third party packages which is a good thing but I do believe that with concepts of how the underlying works, students should also be made aware of the latest frameworks and libraries that are used in the job market and are asked as requirement in many job ads. Like React-Query, Micro Front End, NextJS and many other concepts.

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

The lectures is something I feel could have been done better. Sometimes it was a bit hard to follow and it would not really stick with you until you are halfway through the project since you finally have some hands on experience with it, that might be why it didnt stick well though.

The structure of the tutorial week. The pages had information about concepts to learn, thing to implement and sometimes mentioned things that would be implementerad further on in the TW (like a couple of pages ahead of Where it was first mentioned). This had me confused for hours in why one thing didn't work when the page said to implement it. When I have up and moved ahead it would turn out to actually be implemented 5 pages ahead and I had spent hours in nothing.

More instructions about firebase

The course material (lecture slides and tutorial slides) was messy. I feel it needs to be better organized. Not good having one big google presentation with everything. Some slides were also very cryptic if you were trying to gauge any information from them alone.

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

The instructions for the tutorial labs. They were all over the place on a POWERPOINT.

It was impossible to know where to look when, in what order to do stuff and understand what needs to be done. Sometimes you had to guess what you were supposed to do where. Sometimes it was very clear what to do where.

Instructions were placed randomly among pictures on a slide, with different fonts, colours and even sizes of the text, and sometimes crucial instructions were even in the comments to the slide, but sometimes that was just additional info. Also guides for firebase were really unclear.

Sometimes a slide was more a summary of what needs to be done and the actual specific instructions were on the next slides, which was not clear at all, making us stuck at the summary slide because we think we have to guess what to do there.

Just the fact that this happened suggests that the structure of the instructions are really bad.

I would suggest looking at how Linda Kann structures her instructions in the TILDA-course and get inspiration from there.

I would like a bit more of firebase and design in the tutorial.

It's a great course, it needs nothing more.

Don't tell people they can use Vue if you don't have any assistants with knowledge in Vue. Either skip the Vue part or make sure you have at least one assistant who understands Vue. Or at least inform us students that if you chose Vue you will not be able to receive any help and will need a lot of pre-knowledge.

Also, it would have been good if the tutorial had covered firebase authentication and how to integrate that into the app.

Develop more things like redux

How about almost everything? More time for deadlines, better content in tutorials, more available help. No "C only" deadline. Lower requirements for an E.

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

More focus on explaining key aspects that is needed in the project.

The lab instructions were lacking, spent more time googleing key words than following the instructions. Maybe include more examples of how the code should look and stuff like that. As a example of this, the pokemon example for redux really helped me understand what could be done.

The time aspect, make the project either simpler in scope or the labs simpler.

Getting help from the TA wasn't always easy since there were a lot of student taking this course. I guess that some waiting time is to be expected but it made a lot harder to continue if you had any problems.

Please, improve the learning material and the labs! The lecture slides and tutorial slides are very difficult to follow. It is messy and scrambled all over the slides, with some notes being in the slides comment box, as well as having some instructions misplaced on the wrong slides. Sometimes the slides told you to implement some code in a file that was not even introduced until further slides for example. The tutorial and lecture slides did not have sufficient information to be able to complete the labs without a lot of confusion and irritation. There was a lot of extra work and time put into understanding what the slides wanted us to do and what to learn, and not in a stimulating way. Even though I put in all the extra effort I still feel like I didn't learn much, therefore I did not feel like it was worth it. So please, improve the lecture slides and the tutorial slides with distinct instructions and important steps! And please organise them so it is easy to follow.

The tutorial lab slides were crowded with information, it would maybe be better if the information was in a document instead. It was hard to understand the tutorial later on when working on the project since the tutorial was very specific to the labs. A lot of the steps were just placeholder steps that were to be used later on. Lectures could be improved, the slides were not used much, it was harder to follow what was happening during the live coding sessions, it would maybe be easier if the slides were used more.

Better instruction for the lab

more project time and less tutorials time

Realistic deadlines and project expectations. There should be great emphasis on how work load is distributed between the periods.

What would you suggest to improve? (I worked: 24-26 timmar/vecka)

Very problematic course because of extreme wide range of skill level of participants. In my project group I a complete beginner in web dev ended up with a year 5 civil engineering student and another student with years of experience in web dev. They were far ahead of me in skill level, and it was difficult to keep pace with them. I learned little during the project. I would've learned much more if I could do it by myself or with students of equal skill level.

My prior knowledge of JavaScript was a bit lacking, which resulted in me having to put in a ton of work to stay in pace at all times. OLI was fine but I think I would have benefitted from having more basic lectures in the beginning.

Sometimes I though the whole pdf lab instruction thing was confusing and little problematic to follow. I feel like you got "punished" if you didn't do in a certain way wish forced you to learn but could take long time to figure out.

A quick walkthrough of JS.

have the TA's post what labbs they are online in, cuz me and my lab partner waited 2 hours to learn that our TA wasn't even in the que. So we go last prio.

För det första var det helt orimligt att lära ut CSS, HTML, JSX, React och Vue allt samtidigt! Först borde vi ha fått lära oss html, sedan css. Sedan borde vi fått JSX och antingen bara React eller bara Vue. Upplägget som det var nu gjorde att man varken lärde sig vue eller react i

labbarna. Jag lärde mig bara react först när vi inte behövde lära oss vue också. Detta är det allra största problemet med kursen. Nu var det helt överväldigande att lära sig jättemånga saker i princip direkt från början.

Om kursen också var bygd t.ex. runt bara react, hade vi kunnat göra create-react-app direkt, vilket hade varit optimalt inför projektet. För då hade man redan fått koll på hur filstrukturen skulle vara inför projektet. Nu behövde vi lära oss om det på nytt.

Firestore-delen var väldigt förvirrande i labben. För det första tyckte jag det var konstigt att vi använde realtime database istället för firestore som verkar vara bättre och mer använt. Vore bra om vi fått något om authentication genom firebase också.

Lab-powerpointen var väldigt förvirrande och svårläst. Det var svårare att förstå instruktionerna än att göra uppgifterna. Att ha information gömd i notes gjorde också det svårare att hitta.

All in all, tror jag det viktigaste är att göra det väldigt tydligt i början vad som är vad. Börja med html och göra en statisk sida utan styling. Sedan lägga på styling med CSS. Sedan göra den interaktiv med jsx och react. Jag till exempel behövde kolla på youtube på html-tutorials för att det var helt obegripligt från kursmaterialet vad som var html eller något annat.

Så som kursen är nu skulle jag inte rekommendera den till andra studenter, även om ämnet är jätteintressant. Jag har aldrig haft liknande problem med andra programmeringskurser på kth.

Go through examples of what the final code should look like or be structured as before students start guessing without knowing.

Give more example projects. The tutorial itself is not enough to learn. It would be easier if apart from the lab you also gave us some projects, for us to look at and learn. This for different architectures, for the database, etc

It would be nice if there was some more info / lectures on Firebase, specifically Firebase Auth. Expanding upon MV-VM would be nice too.

What would you suggest to improve? (I worked: 27-29 timmar/vecka)

Our TA was not available as much as we wanted. I think the lecture could be more clear.

More time for the project

Would suggest separating the content of the tutorials power point according to the tutorial week #.

Nothing special to be honest, we used redux in our project. Maybe a deeper introduction to that and "firebase- redux" considering this was hard to implement and find information on the web.

Honestly, this course was one of the best courses I have had in the past 3 years at kth, but if I was to suggest something it would be that I wish there was a little bit more guidance and help during the project, because our couch had some other groups as well to help and his schedule was not always free, so maybe having two couches instead would give us the chance to ask for more help

Being very new to this area, I often felt like the explanations of concepts during lectures were too brief or complex. I really longed for some simplified and practical examples, preferably using both the correct terms and easier synonyms to describe the architecture and the flow of data. If there isn't time for this during lectures, I'd recommend making some pedagogical videos as extra material for us students (or find already existing ones and link them).

I would like to have a complete restructuring of the labs, the labs had very confusing instructions even though I watched all the lectures did the OLI. I think it would be better if the labs was more free like in the other courses we've had. So first you get good instructions and then you get an assignment telling you what will accomplish, and not necessarily write out every single small step along the way. It gets very a fragmented and unclear when it done it's done this way. And this way you will be much more prepared for the project.

Not sure atm.

What would you suggest to improve? (I worked: 30-32 timmar/vecka)

Labbarna skulle kunna göras lite bättre än att bara vara ett tillfälle för att svara på frågor. T.ex att visa olika trix och några bra att veta lösningar.

I found the lectures quite boring to watch, and always in teh mornings as well which i didn't like.

more on firebase and more examples of differents tools to make the development easier

I think it would be better if concepts in course where introduced a bit slower to really give a good understanding of the basics. I think we were thrown into the deep end a bit too quickly.

The layout of the tutorial at the beginning of the course is kind of confusing, especially if you have no prior knowledge of web development. It's really easy to get lost in all the steps and explanations of the tutorial, especially in the jumps between React and Vue.

focus on too many things, where you get to the project you still dont feel like you mastered one way to do it but have a vague idea of different approaches. maybe stick to one framework

The lab descriptions could be much better. I don't like the powerpoint concept, it was really hard to know in which order you should read it and it made it unclear. Also make the lectures more structured, and remember that this is completely new for the majority of us, and should start more basic.

What would you suggest to improve? (I worked: 33-35 timmar/vecka)

Would have wanted to get more time, or having fewer deliverables, to make the work less stressful.

The instructions for TW could be more clear so that those who has just started with javascript could also understand what they were supposed to do. As I know, the course goes for master students and students on second year so basically people with different range of experience had same lecture and instructions.

Many of my fellow classmates had javascript experience but I have not and many times during the course, I felt that it was heavy course for me.

A lot..

Starting with the course structure (organizing lecture material and adding more useful examples or at least links to resources),

Continuing with the lab structure (replacing the tutorial which is quite rigid and as I have seen in my teammates it brought 0 knowledge and just added more anxiety of "making the project as the lab". In the end, this is the beauty of coding, there is no absolute right way of doing things)

Ending with the project (forcing an equal work distribution or else the team will fail (or at least that is what most people understood) is a completely inappropriate and not efficient at all method of ensuring balanced work distribution. This sadly shifts the focus away from providing a good project and having a nice collaboration, into "who has more commits". Honestly, this problem was quite spread across different teams (or at least from my knowledge and chats with colleagues)).

Give more time or give an headsup that you should start with the tutorial labs directly.

What would you suggest to improve? (I worked: 39-41 timmar/vecka)

To clarify the results of the tasks. How will it look and work? It was hard to understand how all of the components would work together when doing the tasks. It was a lot of jumping around and it felt like a new component was started when the previous 2 were only complete to 20-30%.

The lab instructions for sure, it's not that great when half of the time it takes to finish a lab is to just understand what you're actually supposed to achieve. Also more introduction to how to use git in an effective way

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

I would suggest improving the way the tutorial labs are structured. A long PowerPoint presentation with all of the tutorial instructions is difficult to navigate and hard to understand. Divide each lab into a canvas page and have separate instructions for each lab. Another improvement would be to go through the lab instructions and sort through the content. In the lab instructions we received, it was really hard to see what was lab instructions and what was just information.

TO OPEN ALL THE TUTORIALS. SOME WERE CLOSED. this was annoying and didnt help the course at all. some lab questions were not explained at all and took over 3 days to implement for me. THIS IS NOT OKAY.

Make the lab instructions clearer, i've spent alot of time trying to learn how to program, after lab 3 i didnt even know what a function looks like. I was confused and demoralised.

Detta period var det lite rörigt med redovisningarna. Det kan vara för att vi från kista är vana vid ett annat sätt att redovisa på. Att folk som behövde hjälp blev prioriterade först. Vilket var frustrerande för de elever som ville jobba före schemat. Detta korrigerades snabbt av Christian så det blev bra i vilket fall som helst.

TW3 hade en del i början, där vi var flera som upplevde att det var för få slides för att förklara begreppet. Det tog mycket längre tid att försöka greppa än de tidigare laborationerna. Det var också ett mer invecklat koncept, så det kan också vara en förklaring. Önskemål är att man ökar på antalet slides med förklaringar.

The labs are constructed in, in my opinion, a horrible manner. They are incredibly heavy, the descriptions for tasks are very vague, and there is way too much copy-paste code instead of encouragement to learn code by yourself. In the beginning of the course we were informed that the same complaints had been made about the labs last year, and so they had been transformed for us. However, after comparing with older students, it seems as though the labs have not been altered in any way, and continue to be constructed poorly. An example of why the lab is constructed so poorly: a task in one slide of a certain lab could have been written in 5-10 minutes, but often took up the better part of an hour due to the time spent just trying to understand what was actually asked for on the slide.

More clear instructions on the labtutorials, the presentation slides were confusing since it was not always clear which order you should read on the slides

Instead of having a labque I think that it would be better if we were able to book a timeslot and in that way reduce wasting time. In addition, I think it would be best to separate presenting the labs from help labs since, help was always prioritized and it was not fun to wait through a whole lab pass and then not be able to present :)

Reduce the amount of work, it is way too packed with deadlines and this course is seriously damaging students mental health

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)

Start to work with the course-material early.

Start design early and keep the project scope realistic in relation to the time you have available.

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

ask immediately if you don't understand the instructions. Probably you're not the only one.

know javascript and web development before you start the course...

Pick the right lab partner

Start working on the labs and the project early.

Participate in OLI, ask questions to understand the underlying of web apps and try to explore on your own the latest trends.

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

During the project planning read over properly every aspect that needs to be done in order to get different tasks to work since once you get to a certain phase and stuff doesn't work, you will get stuck for a long time.

Read through the coming 10 pages of the TW of you get stuck.

Take labs seriously, try to work with them every day for an hour or two. If you find something difficult you can ask for help during lab session. If you leave everything for the last minute you might find an issue that you can't solve without help.

Use the OLI material and start looking up tutorials for the framework you want to use early.

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

Ask the assistants a lot.

Start on the project early as many problems will occur on the way.

They should try their best to be on time with the deadlines.

Do NOT choose to work with Vue! Take React.

Make sure you choose a project you're interested in doing and can enjoy working on. Also make sure that you work on the tutorial week assignments early on and try to learn as much react as possible.

Don't take the course in 1 period unless you are familiar with javascript and web development. If you are taking other courses at the same time, this course will take up a lot of time from other courses.

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

make sure you have a good API to work from in the project before you start. We had to use another api after a week and redo the project so far since our api didn't work

Ask older student who have already figured the powerpoint instructions what it says.

Choose a project with group members that are at a somewhat similar level of knowledge as yourself.

Sit down and read Reacts documentation also, so many people don't actually understand what they're doing because the course doesn't do a good job of explaining why we use it etc.

Even though you will probably find most of what you need in the lecture/tutorial slides, i would say that Google is your best friend. There is a ton of information to be found, the key is to apply it correctly.

Help each other throughout the course.

Start the project as early as possible, otherwise it will be stressful trying to finish the project during the last week. Start the labs as early as possible for the same reason.

Understand the concept well

start the project early

This course should not be taken if you are a programmer beginning from scratch, and also if you already are taking >2 courses in the masters program.

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

Complement the given course material with online sources.

Practice a little bit of JS or html, css before the course. A few days is enough. Then just keep up the work. Don't get behind. If you get stuck or need help, ask TA or friends or fellow students doing the same course.

Start early with the project.

Don't complicate the project too much, choose an easy project and make it work and add features after.

Youtube your way to JS-knowledge and have TA:s explain the basics for you before you begin :)

Start the project as soon as possible, because your idea for the project might seem small and easy to implement, but it's going to be harder than it appears for sure

Find a good partner and project team. Use a UI Library in the project. Use Vs Code Live Share for working in a group (Google doc for coding). GitHub Flow is an easy and nice pattern for branching. Plan out your project so it is iterative. Use a state management solution from the beginning (makes it easier to work in a group)

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

In the projekt it can be good to split the work between the group members but be sure that everyone understands each other's code and how to do stuff

Create an application (during the project) that you find useful and interesting. Attempt both React and Vue during tutorials. Should not need to be said, but: focus on key features of your app during the project (we did not, and now wish we had spent more time on those features).

enjoy, fun course.

Take this course! it's really fun and you learn pretty useful things

Really make use of the lab-sessions and your project coach later in the course.

Start early.

What advice would you like to give to future participants? (I worked: 30-32 timmar/vecka)

Att man skulle jobba mer med react än Vue. kändes som att react är mer använd och att det finns mycket hjälp att få på olika sidor.

Learn how to use react and git properly and learn the key concepts.

cooperate, cooperate and cooperate. Very important!

Be prepared to work intensively. Also, if you have no prior experience, be ready to look up and learn concepts for yourself.

work hard and be on time with asking questions. make sure your group is on the same page.

Try to learn more js in advance. The labs take a really long time, and work with a fun project!

What advice would you like to give to future participants? (I worked: 33-35 timmar/vecka)

Do not be too ambitious, better to choose a simple idea and expand on it and add more features later

I can mostly give advice to those on second year who will have the course and probably do not have experience with the content.

The course has many ups and downs and sometimes it feels impossible to solve the tasks but don't give up cause when you do solve it, it's an amazing feeling and sooo exciting.

Also, don't wait until the last minute to start with labs and project so that you have time to enjoy the course

If you want to have a basic understanding of the concepts and try them practically in a project then this course is for you. However, take all information with a pinch of salt and search for concrete examples and use-case scenarios as some concepts and ideas presented are far from industry standards (at least in Sweden and US).

Start with both the tutorial labs and project in time. This will help you not feel as stressed.

What advice would you like to give to future participants? (I worked: 39-41 timmar/vecka)

Research different frameworks and find out which will suit you best.
learn javascript, html and css in advance, at least try it out a bit.

LEARN GIT

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

LEARN JAVASCRIPT , REACT , VUE BEFORE you start the course. The lab will fuck you up, especially if you have not done this before.

Abandon all hope ye who enter.

Om man stöter på problem med kursen så kommer allting att ordna sig, just pga att Christian är så grym!

Välj ett projekt som är intressant att nörda in sig på.

se på föreläsningar innan den riktiga föreläsningen, så du är utrustad med relevanta frågor

I honestly don't know. Perhaps aim for a lower grade in the sustainability course so you can spend most of your time for this course because that is what is necessary to actually understand the course material.

Work your ass of or else you will not be able to pass the course.

Is there anything else you would like to add?

Is there anything else you would like to add? (I worked: 12-14 timmar/vecka)

no

Anton was a great project coach :)

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

Great course! Thanks

I did not like this course, but I had an open mind. I liked the course until the project started, because that's when I realized how much was expected of us compared to how little we were taught

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

Fun course. I learned a lot.

nope

No

no

Is there anything else you would like to add? (I worked: 24-26 timmar/vecka)

Really fun course. I did not like the way the lab forced you to do in a certain way but the app we built was fun! The project was a absolut banger due to letting yourself build whatever you like from scratch and really see everything you have learnt.

I would have loved if there was 2 labs, and they were abit longer instead. So Lab 1 was lab 1 & 2. And then the last lab were more specific on firebase. Might be able to make a mockup login and start using firebase auth. Cuz that was hard to learn and find information by yourself. Would have been awesome to be able to get some information before the project and then just perfect it during the project and apply it to your own project.

No, thank you

Dynamic Web was an amazing course. The teacher is clearly very knowledgable and is able to simply explain complicated topics.

Is there anything else you would like to add? (I worked: 27-29 timmar/vecka)

The teacher should not encourage doing this evaluation during students are presenting, quite rude.

Great course!! Have learned a lot.

Nothing, Christian is a good examiner. Always listens to his students and explain things in a good way.

Really demanding and time-consuming course (being a media technology student).

No

Is there anything else you would like to add? (I worked: 30-32 timmar/vecka)

-

Great experience! I learned a lot. Thank!

no, it was a shame that project group was so unbalanced.

Is there anything else you would like to add? (I worked: 33-35 timmar/vecka)

For me it was a difficult course, but since it was exciting I think it's one of the favorit courses.

Lycka till med denna kurs! Jag hoppas att det förbättras nästa år!

Is there anything else you would like to add? (I worked: 39-41 timmar/vecka)

No thanks.

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

Fix the online tutorial quizzes so it shows the necessary tutorials NEEDED for the labs!!! The lectures are absolute useless since the instructor thinks that the students should and already have knowledge about the stuff he is talking about as if they have done it for years. its a disgrace. Even if i have studied the material for a week I would not understand what the teacher is talking about, its disgusting method of teaching. first lesson CUSTOM EVENTS, WHAT THE FUCK IS A CUSTOM EVENT. you shouldnt start like this for a person who doesnt even know how to make a function in javascript yet. STOP THIS RIGHT NOW. I M SERIOUS. THE course should be linear! continuous! in all aspects! how should WE know B if we havent done A!!!! (very angry face)

Fix the lab instructions! The course is interesting but I'm not sure I actually learnt anything from the labs. It felt like I actually knew less after going through them.

Kursen är en av de bästa jag har läst på KTH. Absolut top 3. Planering, information, ledarskap, flexibilitet och Christian. Detta tillvägagångssätt bör vara mallen för hur KTH's lärare ska arbeta.

Tack för en fantastisk upplevelse

vänligen
Philip Hägg

This course is way to packed with deadlines, and yet at the project it felt like I did not have enough knowledge since I had to stress through the labtutorials.

SPECIFIC QUESTIONS

RESPONSE DATA

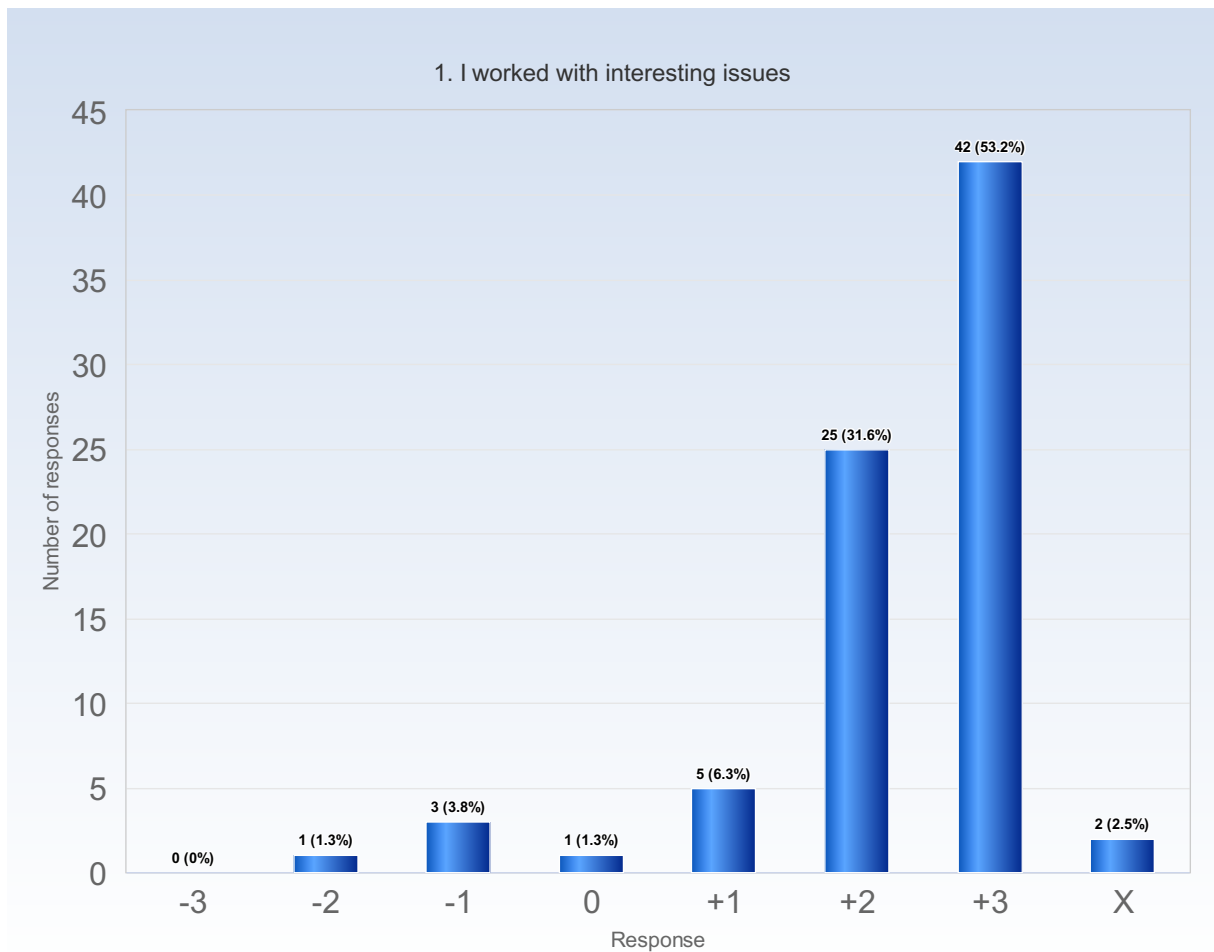
The diagrams below show the detailed response to the LEQ statements. The response scale is defined by:

-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

Comments (My response was: -2)

Using firebase in a web-based context (i think in the end it was more or less convenient) was an interesting approach.

Comments (My response was: -1)

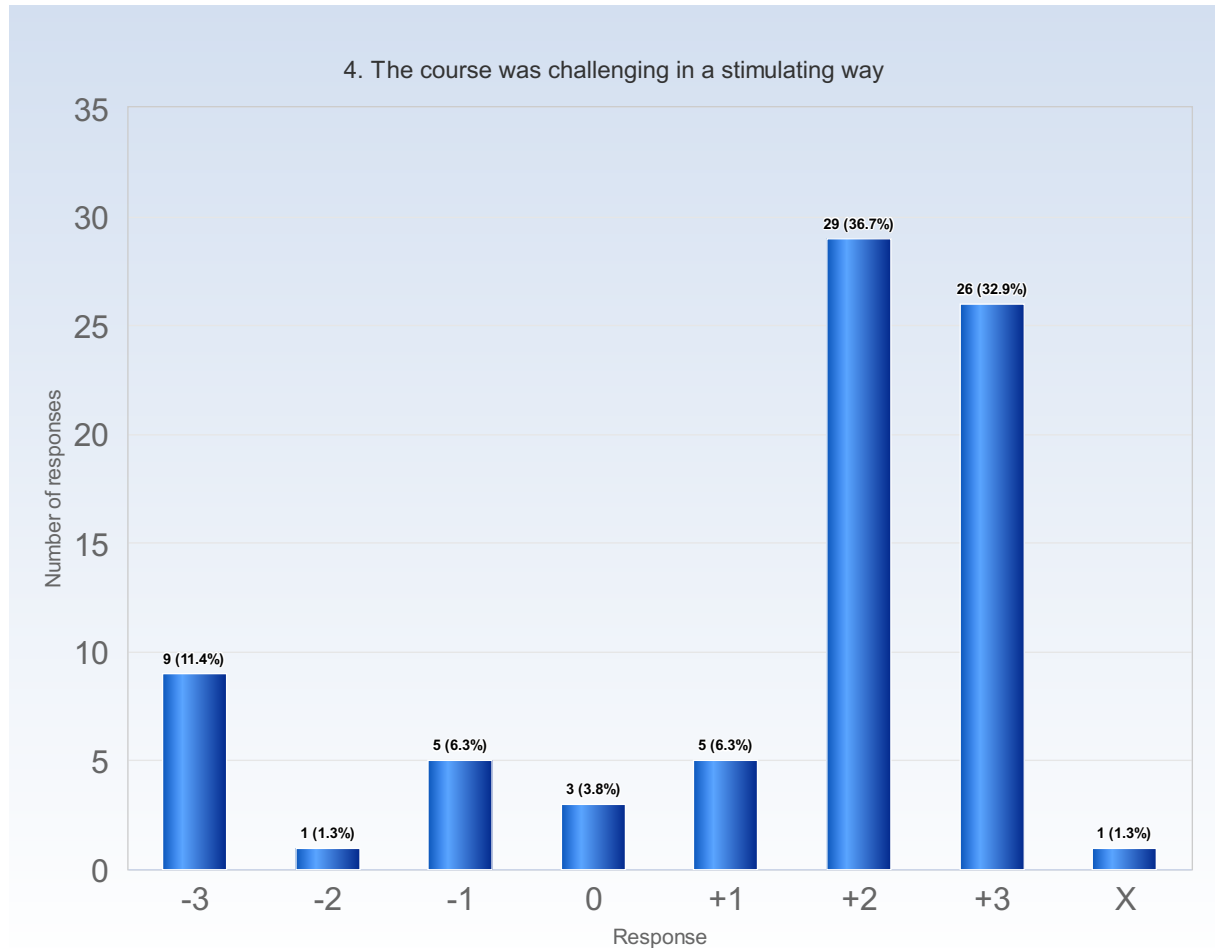
partly, some was way too hard and not EXPLAINED!!! very annoying
Not really my cup of tea

Comments (My response was: +2)

It was fun working with web development, different from normal coding

Comments (My response was: +3)

How to design an amazing and dynamic website is very interesting



Comments

Comments (My response was: -3)

I don't like the way this course is structured, and I feel that I didn't learn anything at all because it was so hard.

It was very challenging but not in a stimulated way since it was difficult to learn from the material we got in the course. Therefore, there was a lot of guessing and difficult researching, which just took a bunch of time without being rewarding.

Not at all challenging

Comments (My response was: -1)

A lot of frustration due to learning too many things at once. It was hard debugging the code since AI didn't know if it was a html, jsx or css error or an error when using firebase etc.

Comments (My response was: +1)

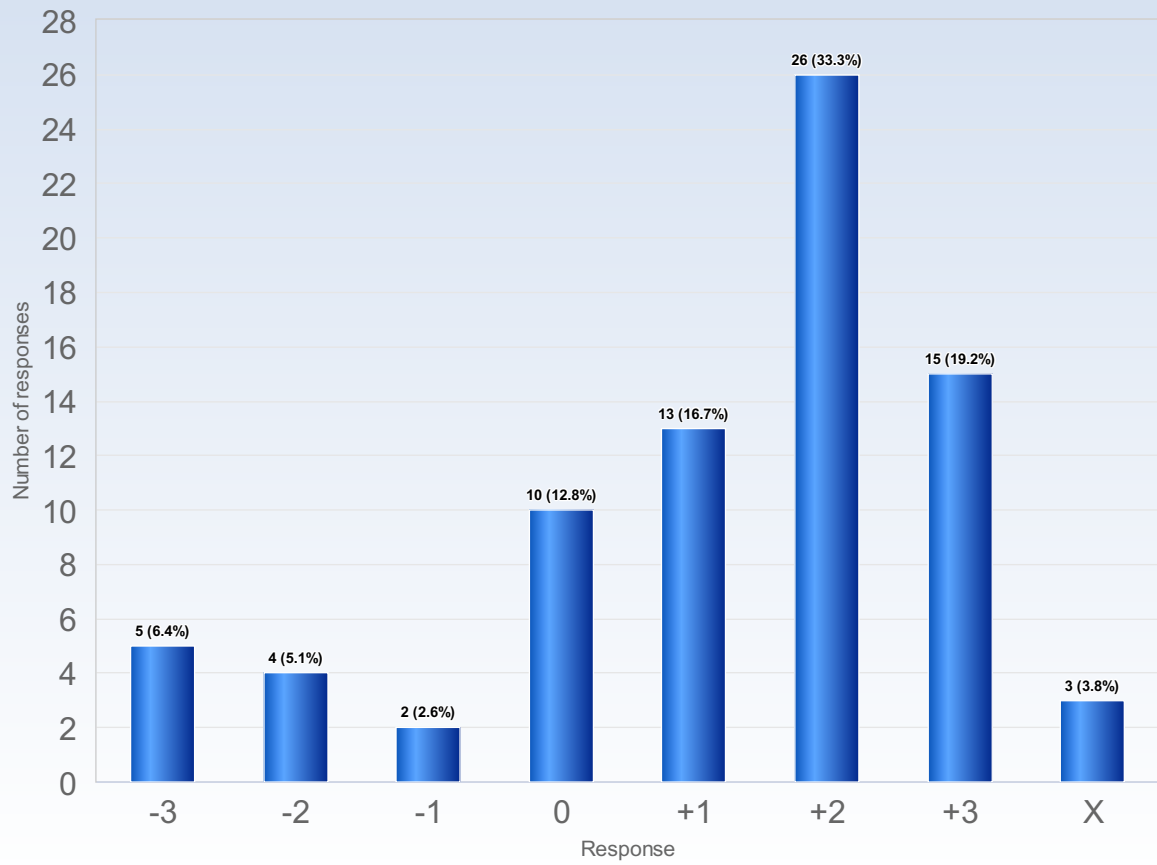
I think it was a bit much to learn both Vue and React

Comments (My response was: +3)

sometimes, too challenging

The challenge mostly comes from the project in my opinion.

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



Comments

Comments (My response was: -3)

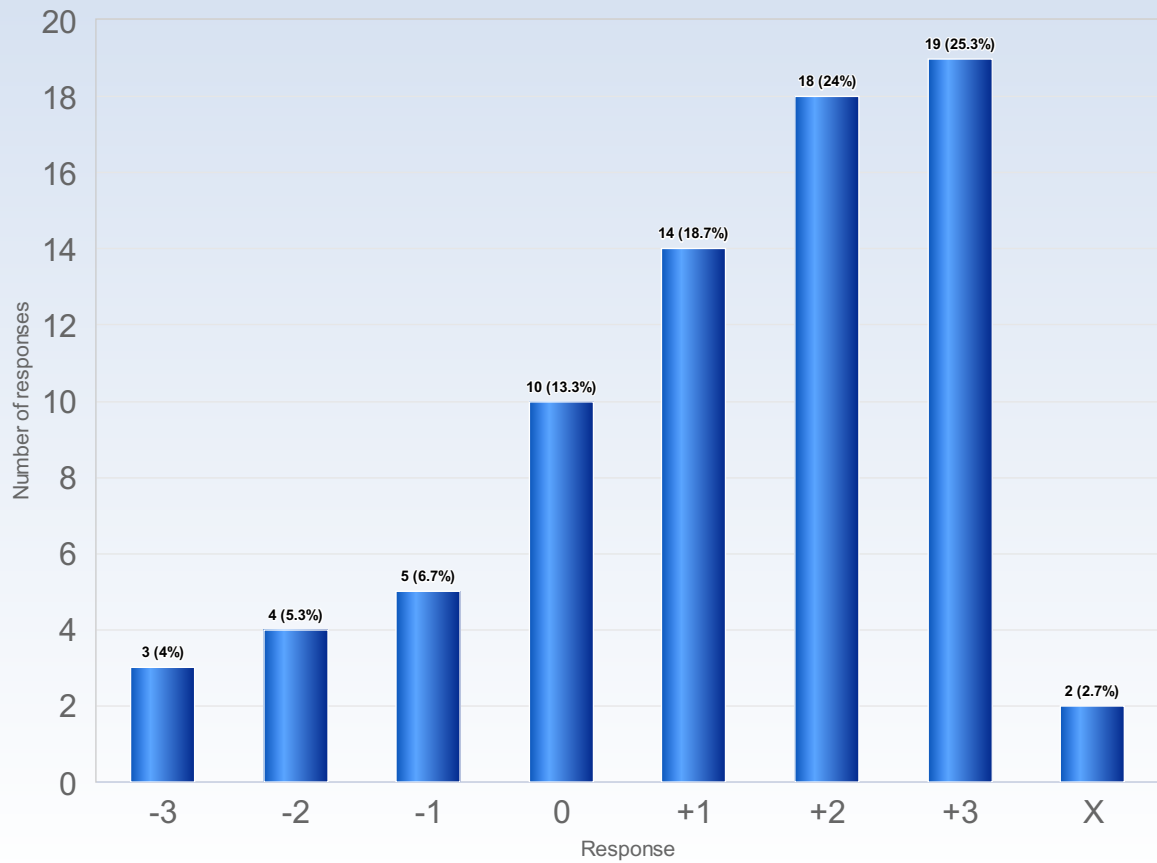
Way too hard for a first timer who doesnt know shit.

I actually found those misleading at the beginning and throughout the course.

Comments (My response was: -2)

Since a big part of the tutorials was to copy/paste from a slideshow, I don't feel that I understand this course content at all.

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



Comments

Comments (My response was: -3)

It was vey hard to decode the power point instructions
no

Comments (My response was: -1)

I think the teachers should give us more examples, because for example, to understand the MVP architecture, most examples we find on the web many times are not entirely correct, so it would be nice to have some projects in which we could trust to learn.

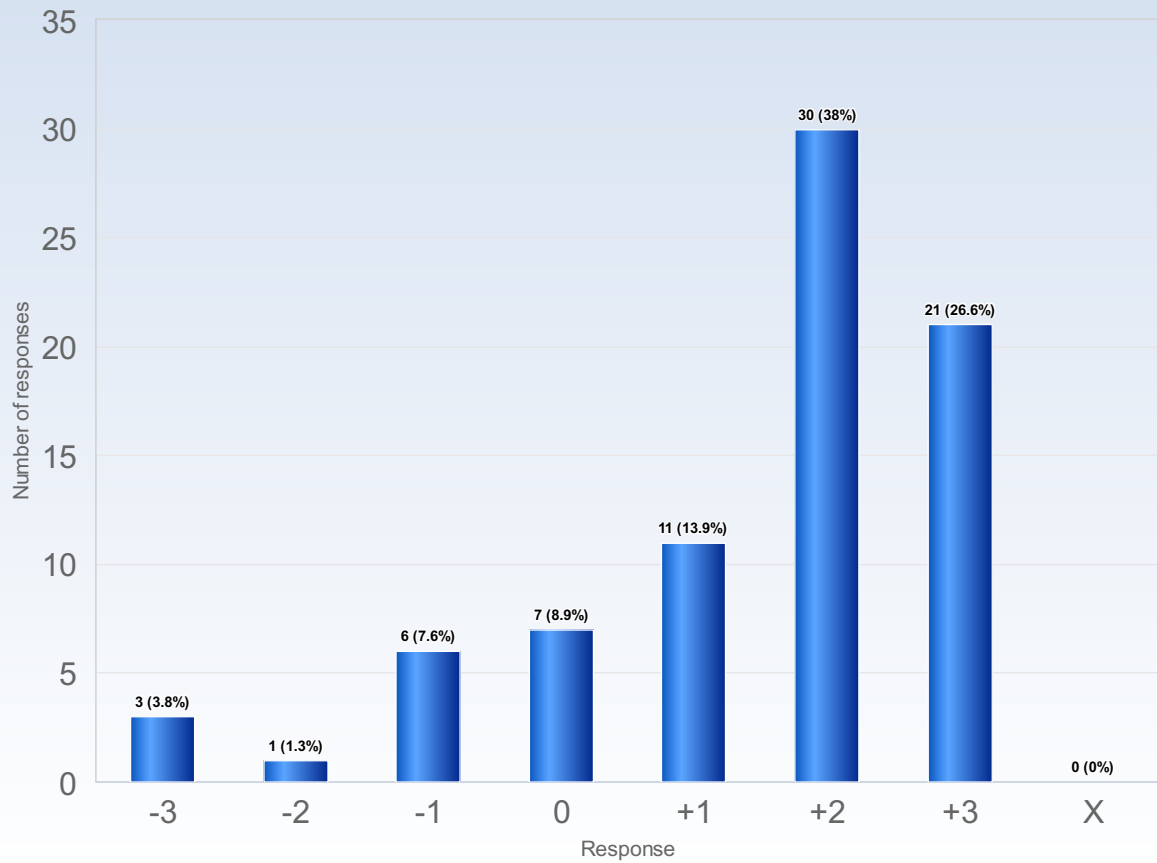
Comments (My response was: 0)

The examples were there, but they were not of qualitative nature. A simple youtube video sometimes is more efficient in understanding than a lot of examples and content.

Comments (My response was: +1)

There were some code snippets during the lecture but it was a bit tough understanding
Yes, if the examples are found on Stackoverflow... but not in the course material.

11. Understanding of key concepts had high priority



Comments

Comments (My response was: -1)

I have no idea what the key concepts are.

Comments (My response was: +1)

I found it interesting how some concepts and ideas presented in this course are contradicting industry standards and practices.

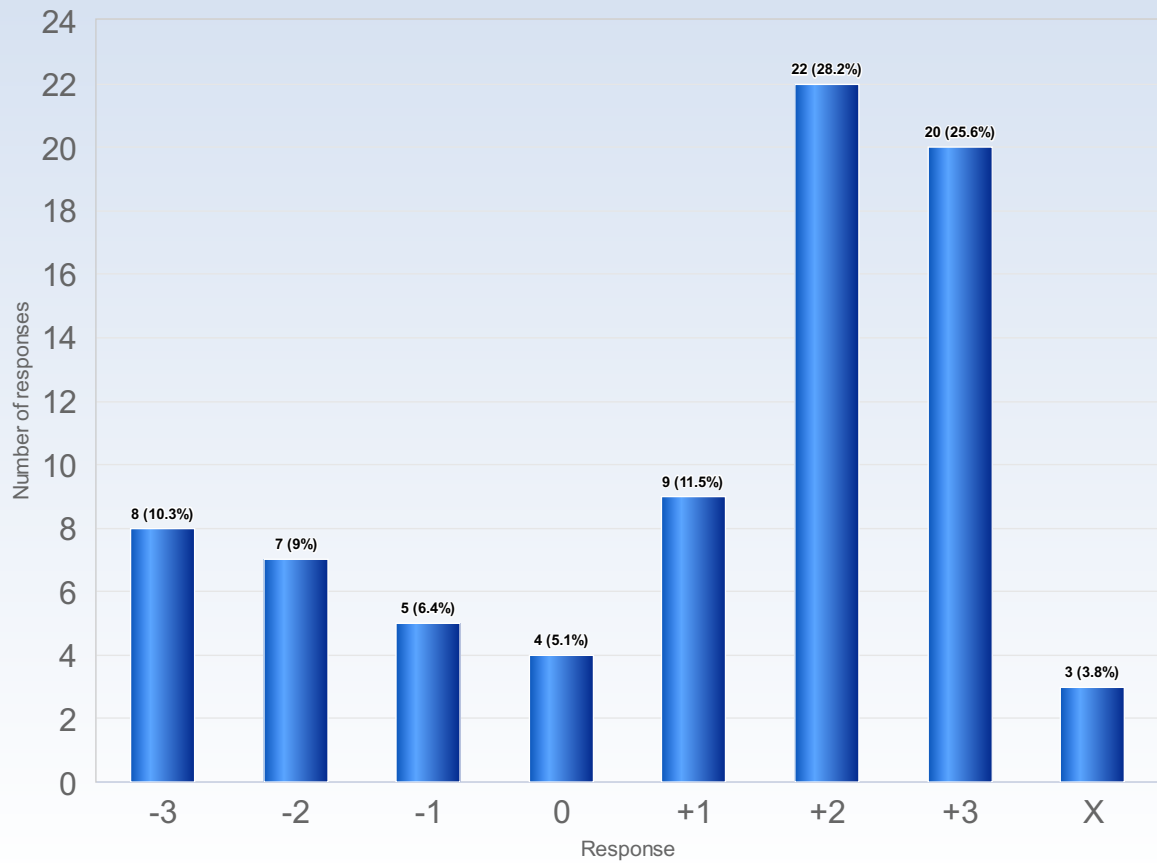
Comments (My response was: +2)

Again, heavily depends on what project you choose. Since there were few guidelines it's easy to overscope, there for easy to go past the key concepts and into more spcific areas.

Comments (My response was: +3)

Understanding mvp, states etc was something that needed to be able to complete the assignments

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



Comments

Comments (My response was: -3)

helped achieve, but NOT efficiently

Comments (My response was: -1)

The course was not at all organized and could benefit from an update.

Comments (My response was: +1)

only lectures and lab times, should work better with some sort of excercises

Comments (My response was: +2)

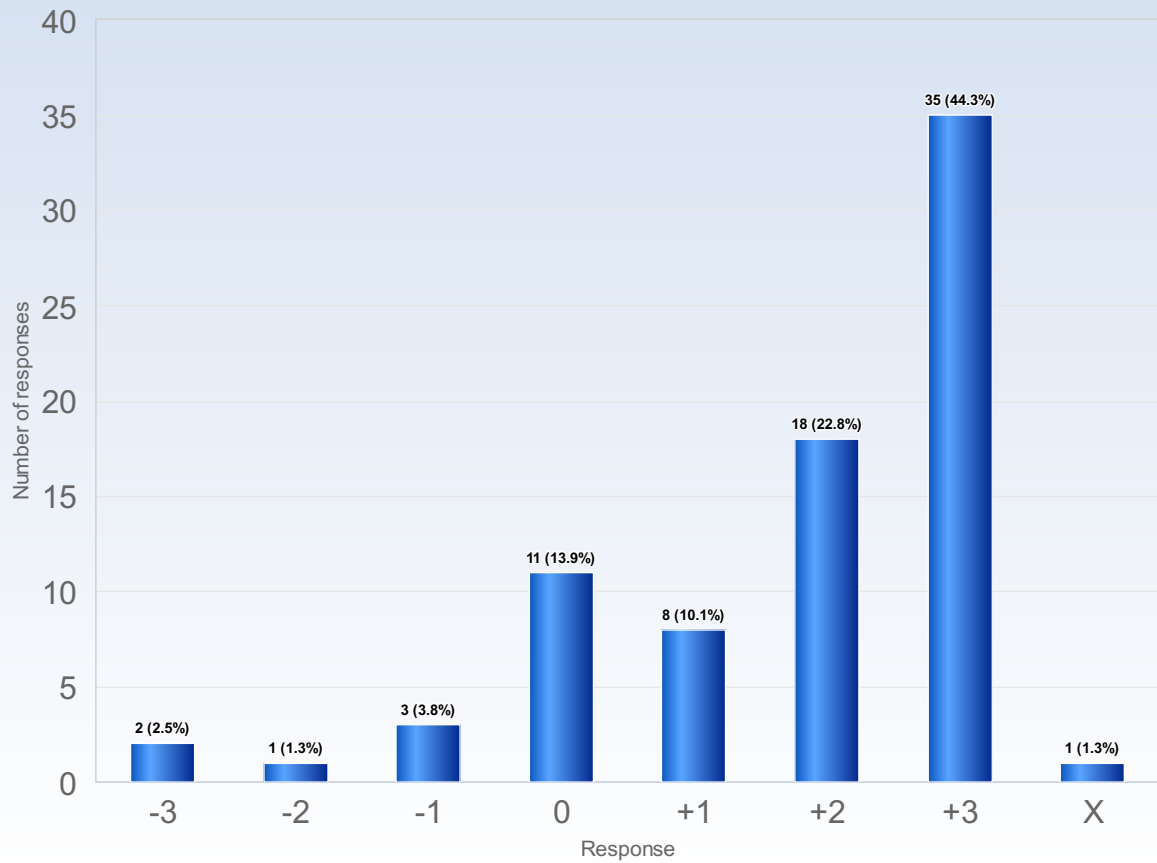
The lab helped a lot for the project

The labs where pretty good

Comments (My response was: X)

Dont know since I didnt get my grade yet and dont know if my code is at all as expected.

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



Comments

Comments (My response was: 0)

Only through the ELI, but it was only theoretical, and most of the course was practical

Comments (My response was: +1)

Not that much time for this since the deadlines were very close.

User evaluation enabled this

Comments (My response was: +2)

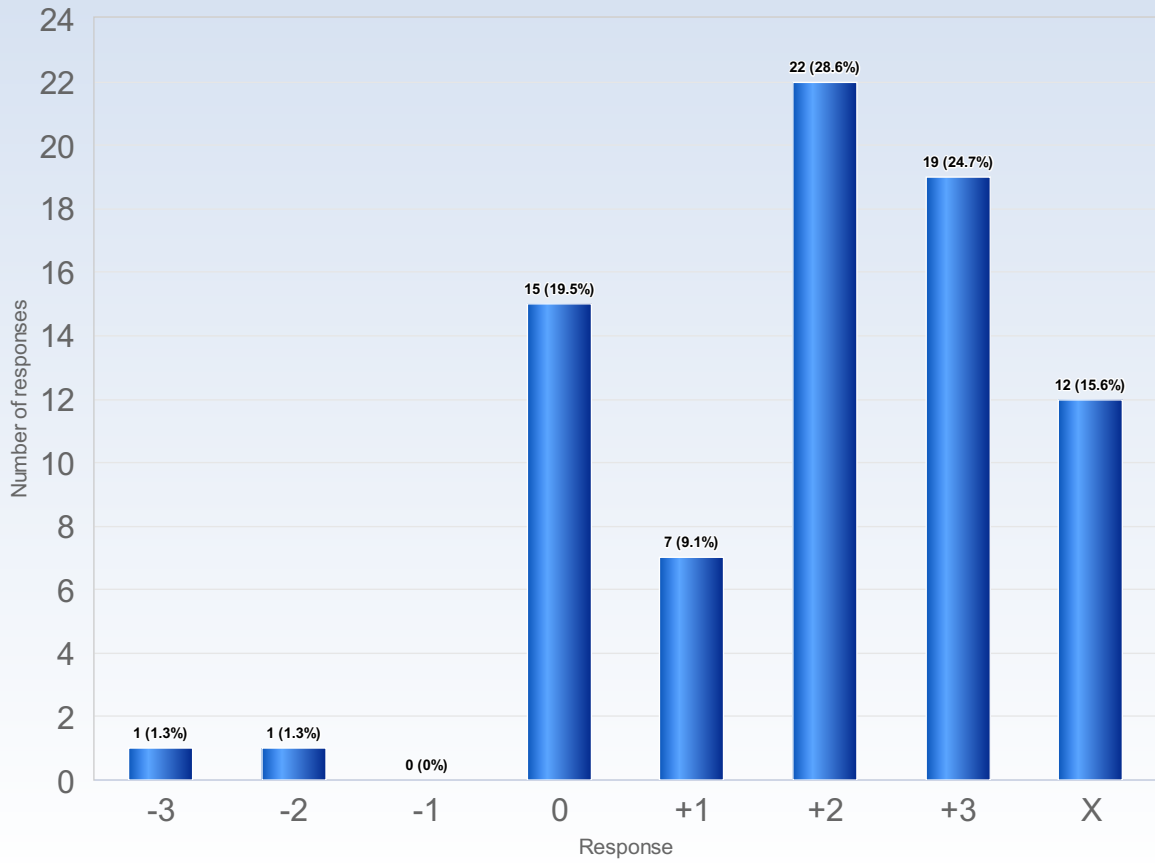
lab help

Good TAs

Comments (My response was: +3)

Yes, we had a lot of lab and project support.

16. The assessment on the course was fair and honest



Comments

Comments (My response was: -2)

Not really, since the course itself is rushed and the expectation for an A are extremely high, especially for someone who has no experience in this area before.

Comments (My response was: 0)

i dont know at this time. Regarding the labs, answer would be +2

Comments (My response was: +3)

Yes.

Comments (My response was: X)

Have not received all the scores yet

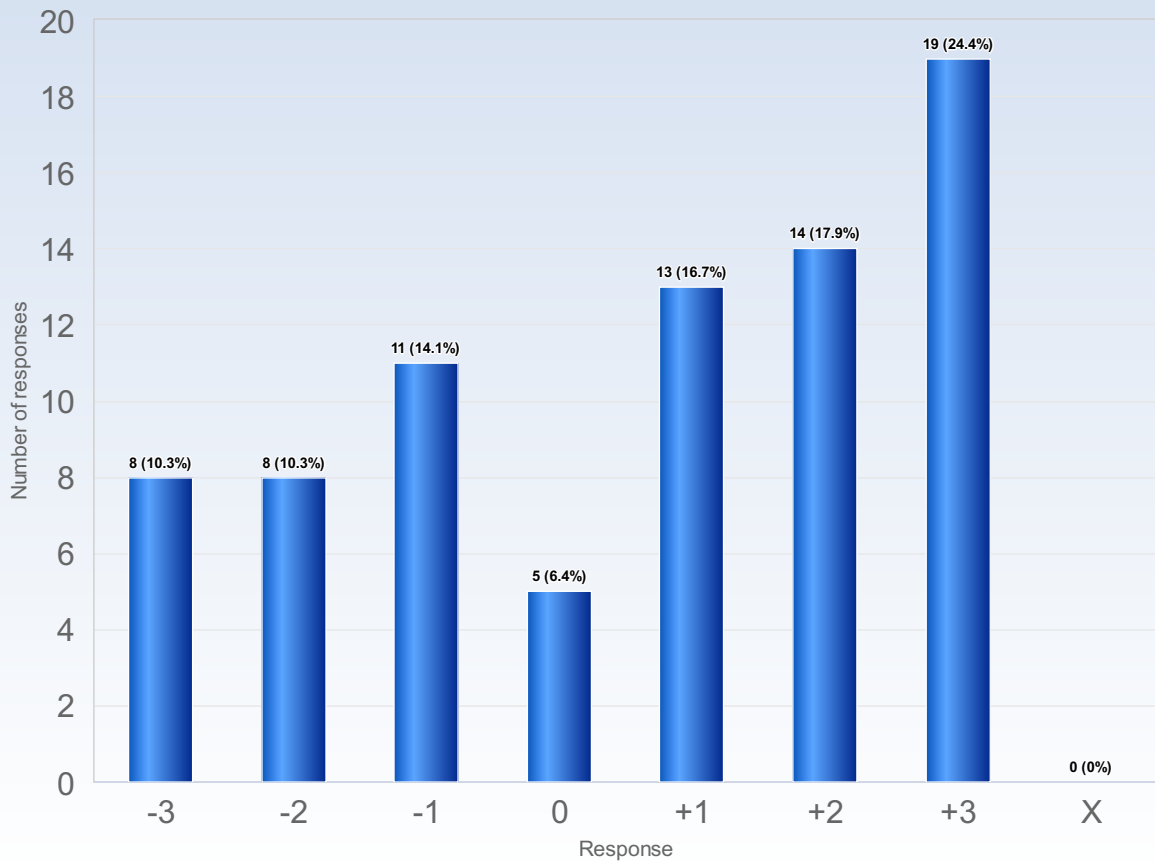
Dont know since we didnt get evaluated yet.

I don't know yet

no assessment received yet

I've yet to be graded.

17. My background knowledge was sufficient to follow the course



Comments

Comments (My response was: -3)

Still have no idea how to structure JS or css code and feel like I missed a basic course in this before taking this course?

Comments (My response was: -2)

A course in JS would have helped

TIDAB2: we have not get been able to chipsen any of och own course (the first Will be during the spring 2022) ett it referenced to the "knowledge from the HCI course" and Done other student had taken a jsx/css course the period before, which would have been very helpful. It would have helped a lot if we had learned more js before.

To do the project, there is a lot of knowledge in Git also required.

Comments (My response was: -1)

high learning curve, if you didn't know anything about html and css, this course must have been very difficult to get into.

Comments (My response was: +2)

I was lucky that I had worked with web programming prior to starting this course

Comments (My response was: +3)

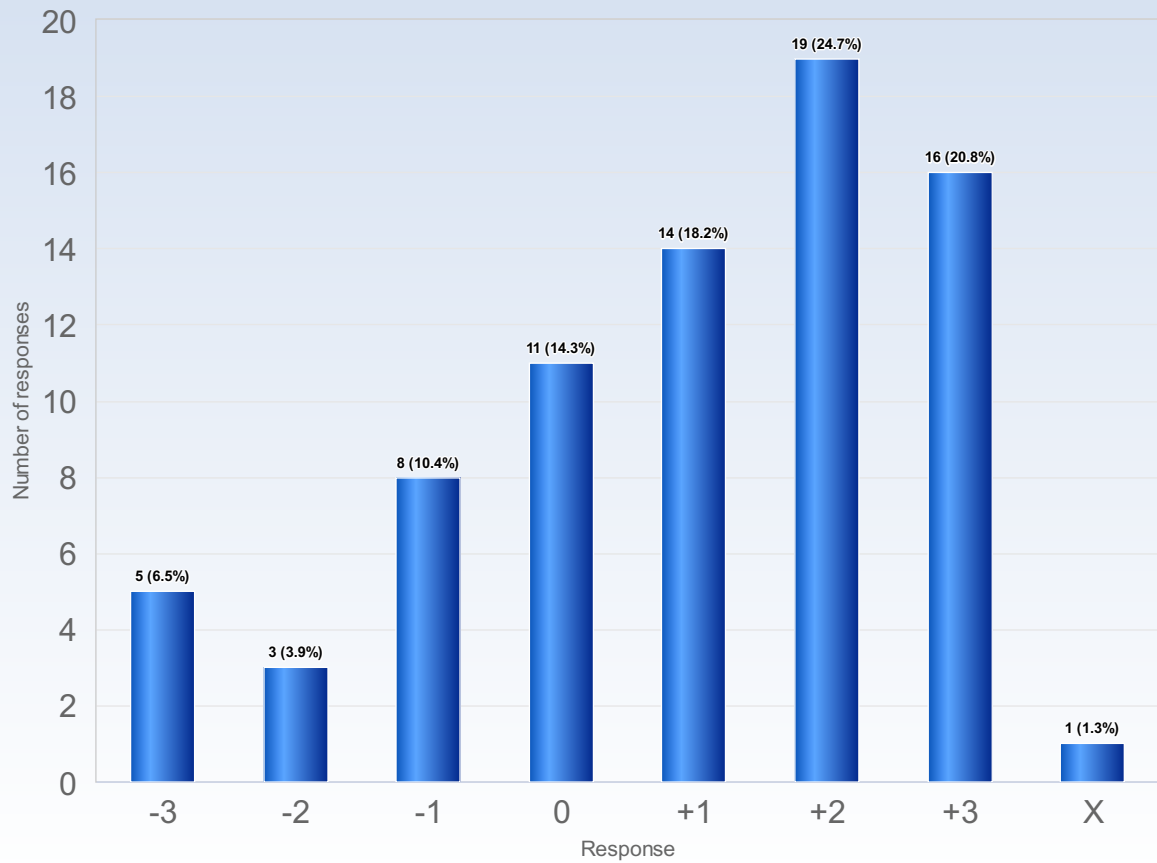
VERY importat to have knowledge!!

Not only that is was more than enough, but also reminded me how much the content taught in universities is outdated compared to the industry.

Personally yes, because I've been programming since a few years before I started this program.

Everything needed for the course was learn in the course

19. The course activities enabled me to learn in different ways



Comments

Comments (My response was: -3)

There was too much provided code for one to actually learn and understand the code.

Comments (My response was: 0)

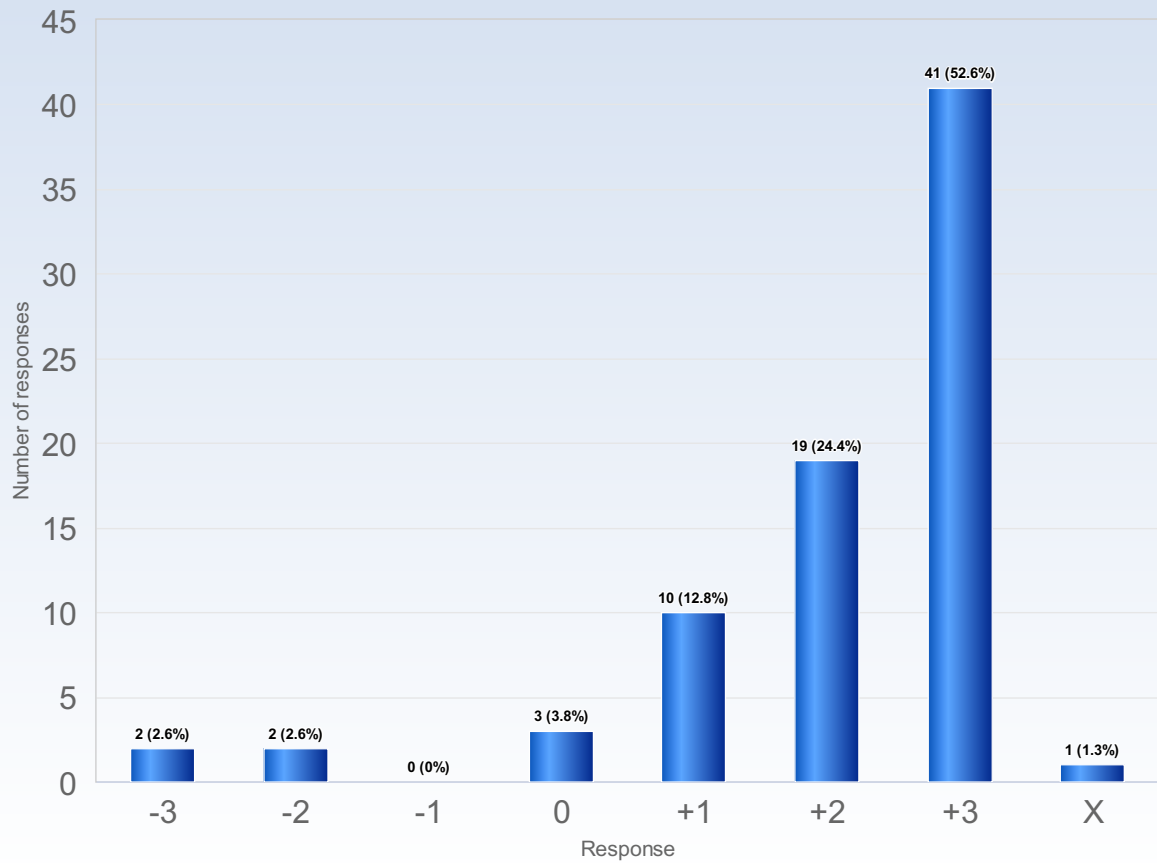
More or less. I can say that the tutorial and project combination was ok.

It's mostly centered on learn-by-doing in my opinion.

Comments (My response was: +3)

Might not learent as much of react, but i had the possileity to learn it.

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



Comments

Comments (My response was: -3)

No comment

Comments (My response was: +2)

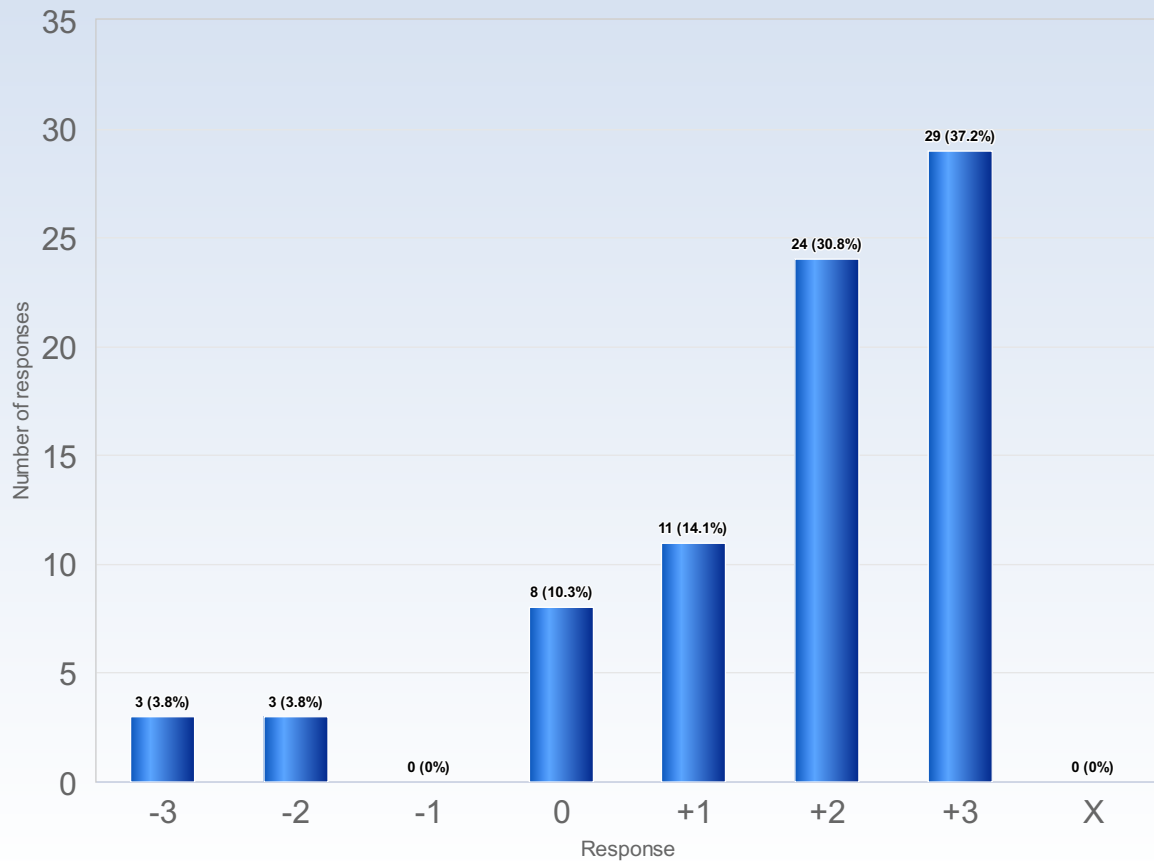
When you get stuck on parts its easier to work with someone who might be able to help

Comments (My response was: +3)

lab and project

Collaborating and discussing with others was the primary way I learned what the course was about.

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



Comments

Comments (My response was: -3)

Since my group chose to use Vue for our project we had great difficulties getting help from the course assistants, and several times we received help which then turned out to be wrong.

no

Comments (My response was: -2)

It took way to long to get help from the lab

Comments (My response was: 0)

Probably, but we never really utilized it.

Comments (My response was: +1)

TA-help was AWESOME but would have needed more.

Some TA:s were better than others. Some only provided minor tips and basically said "Figure it out" while others really spent time trying to help, but Cristian jumped into our zoom meeting after 5 minutes of receiving help saying the TA had to move to the next group. How about instead don't accept 200 students and have deadlines every week? That was a really bad idea.

Comments (My response was: +3)

Lab help and project coordinator

The TA team was very helpful and spent a lot of time helping students.