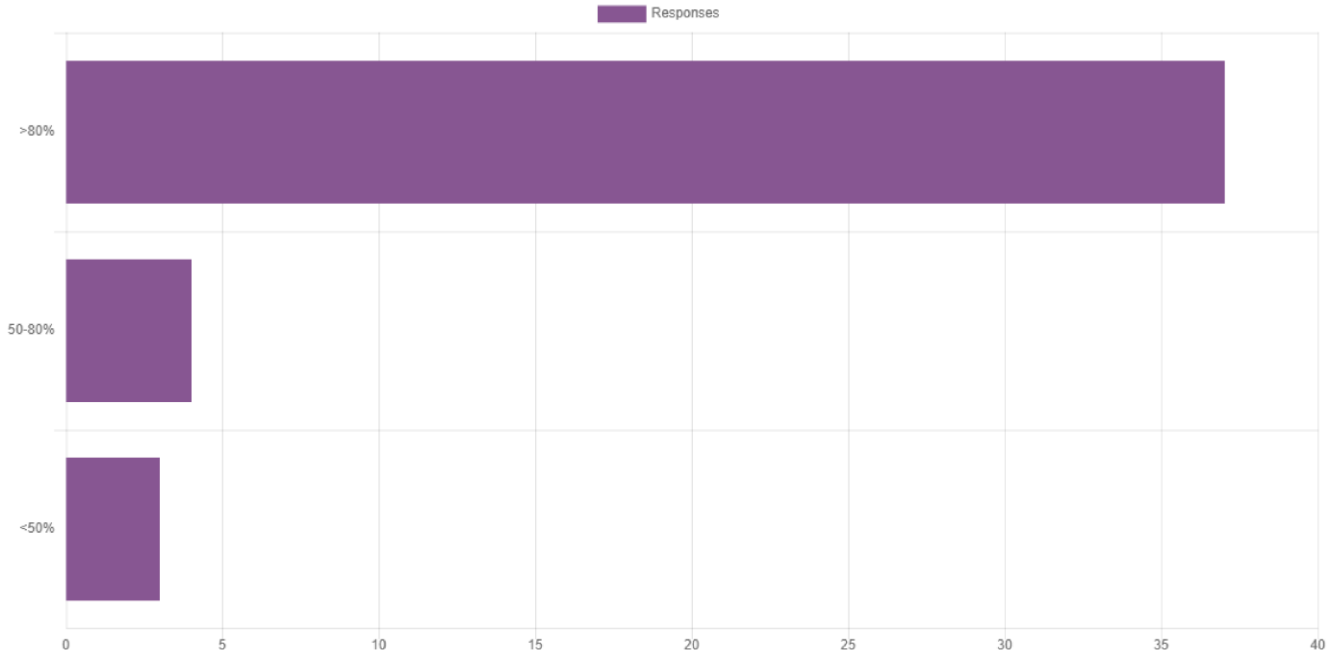
PX149:Mathematics for Physicists

Module questionnaire 20/21 (PX149 - term 1)

Export to Excel

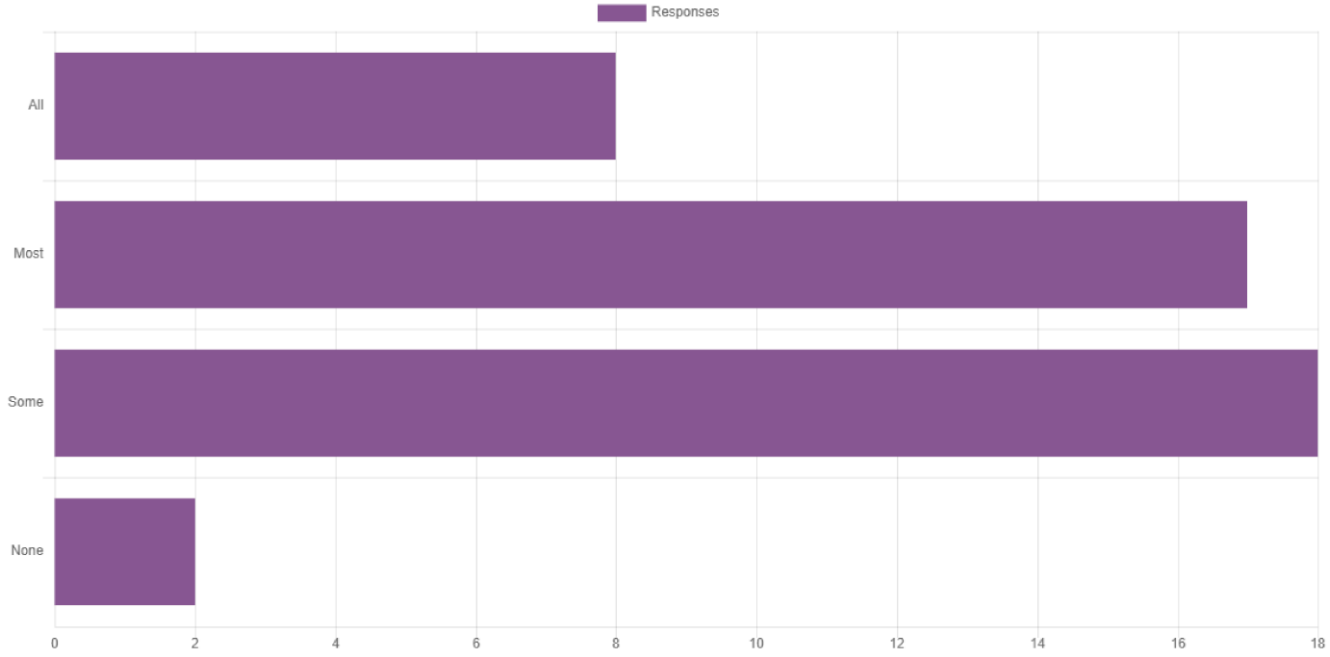
Submitted answers: 45 / 131
Questions: 20

(Q1) I watched or read through the notes of (...?...) of the online lecture material



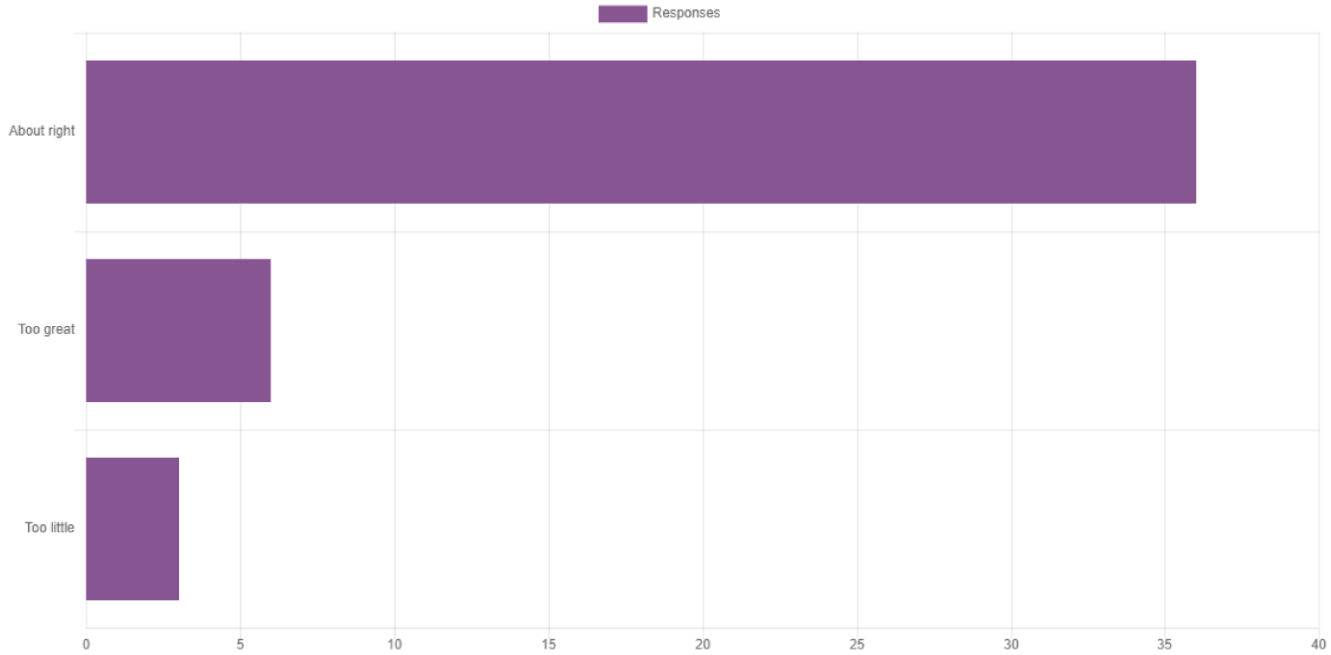
Show chart data

(Q2) I attended (...?...) of the Live events for this module



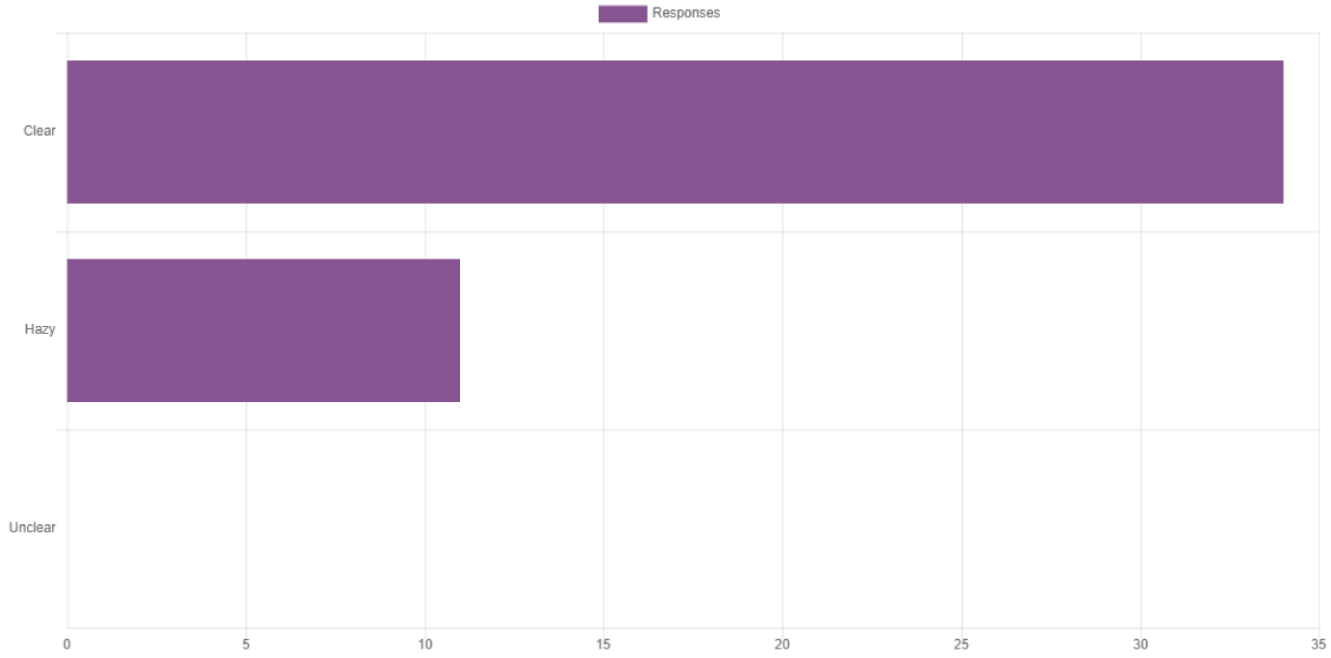
Show chart data

(Q3) The quantity of material was



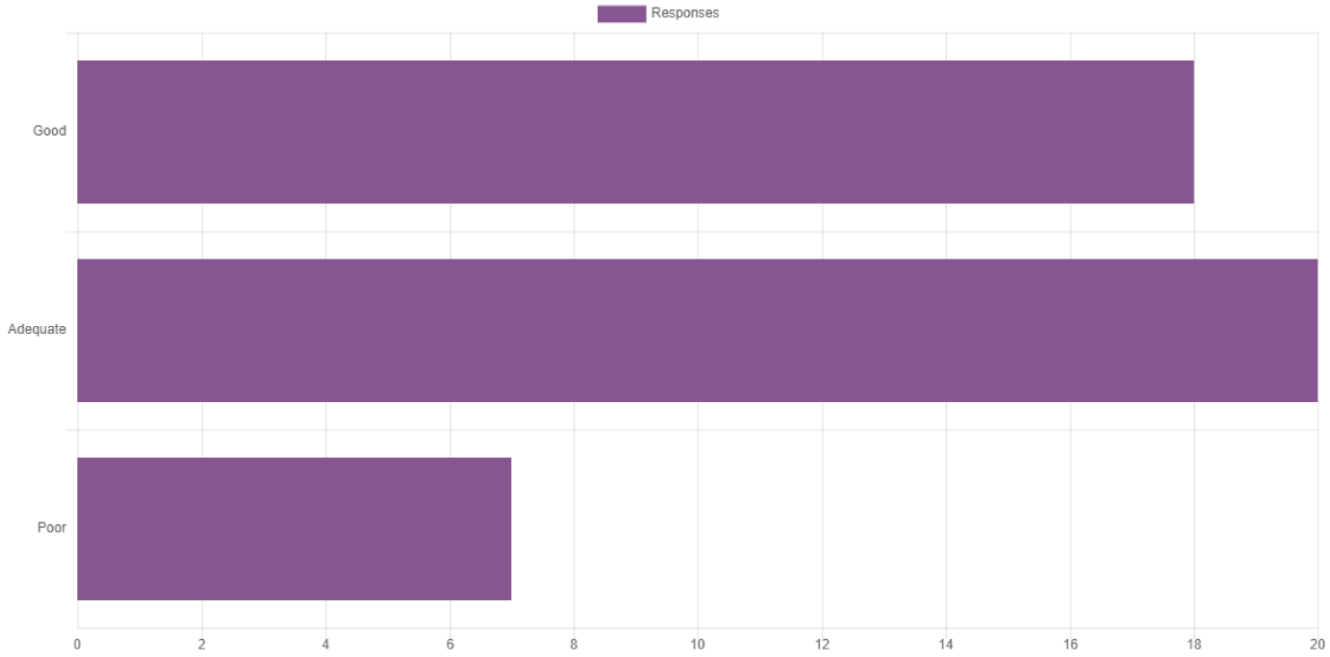
Show chart data

(Q4) By the end of the module its purpose and direction were



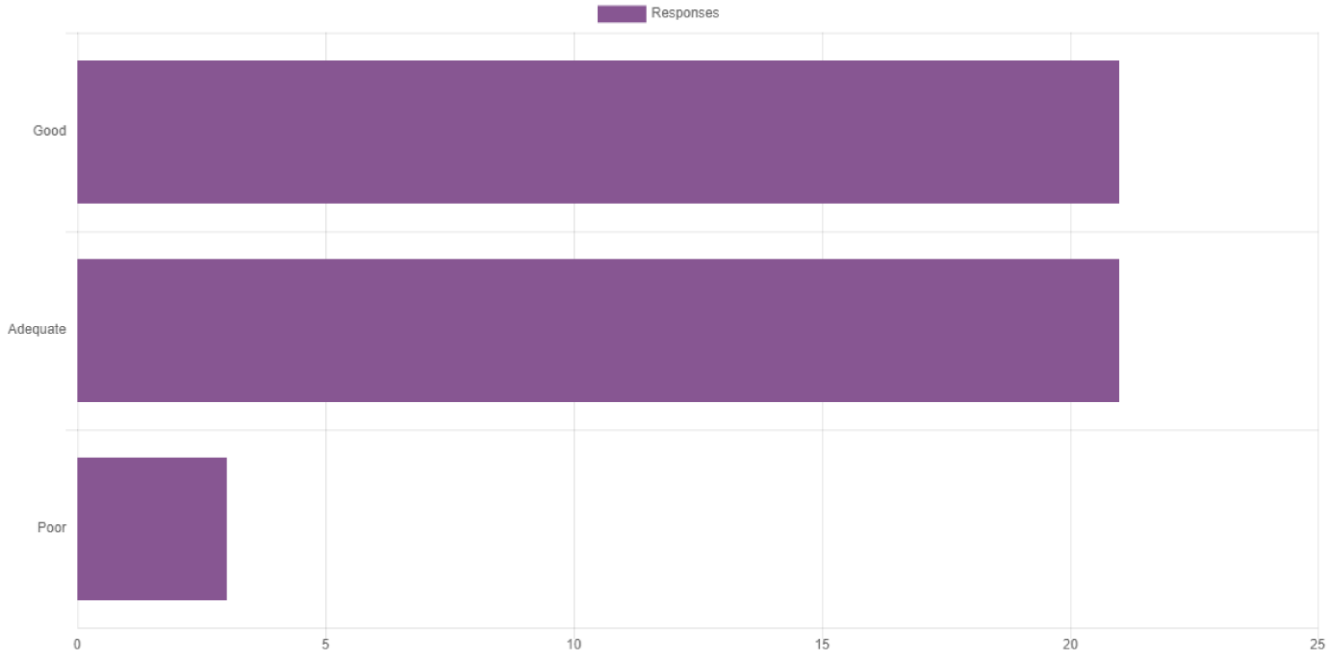
Show chart data

(Q5) Explanation of new terms and concepts was



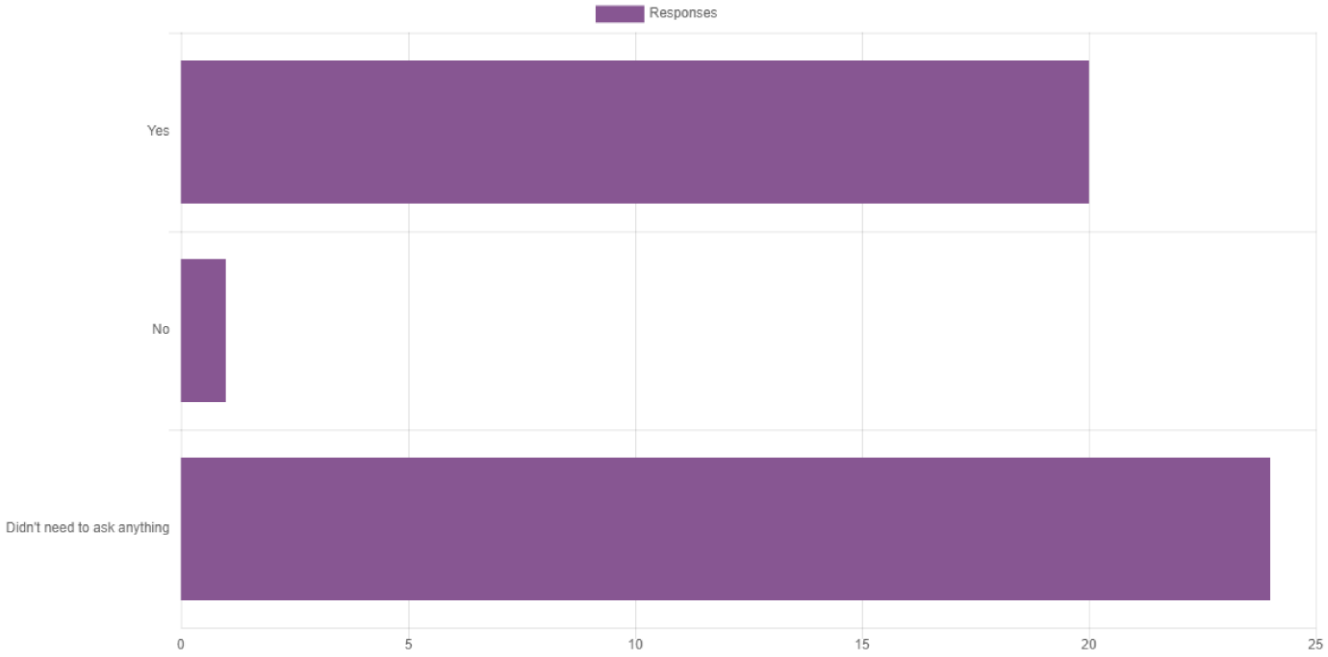
Show chart data

(Q6) I have a (...?...) set of notes



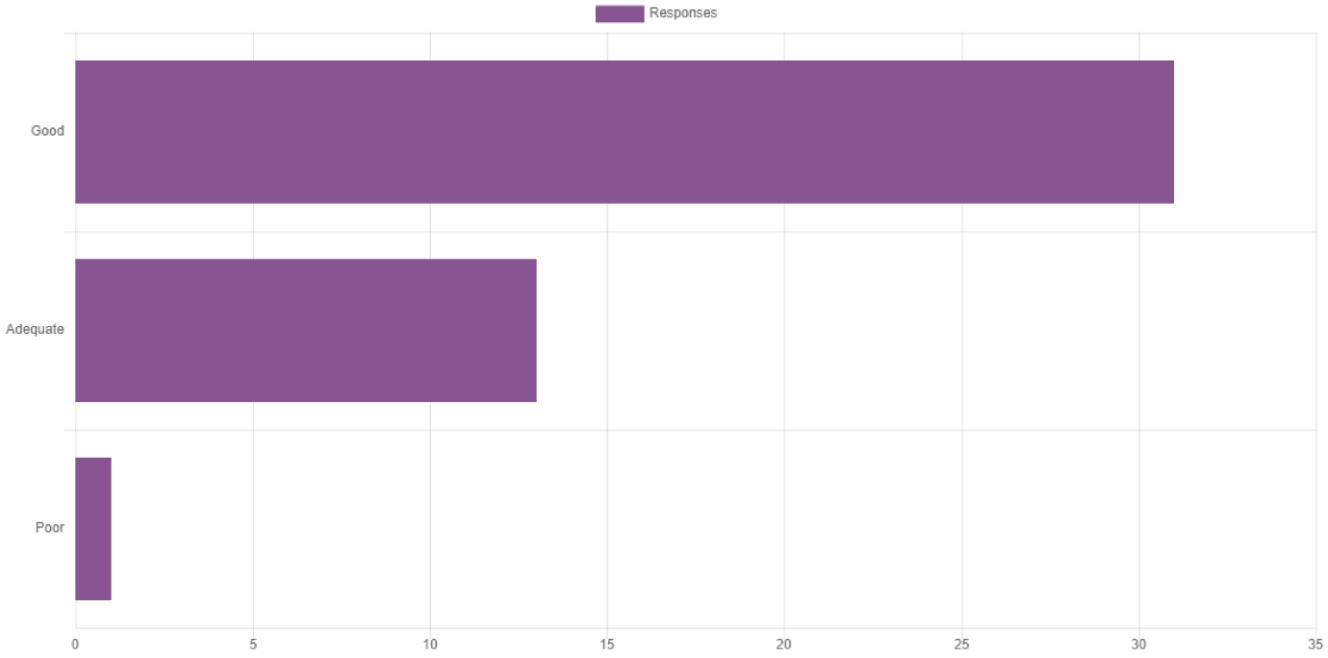
Show chart data

(Q7) I felt able to ask the module lecturer questions and get useful answers



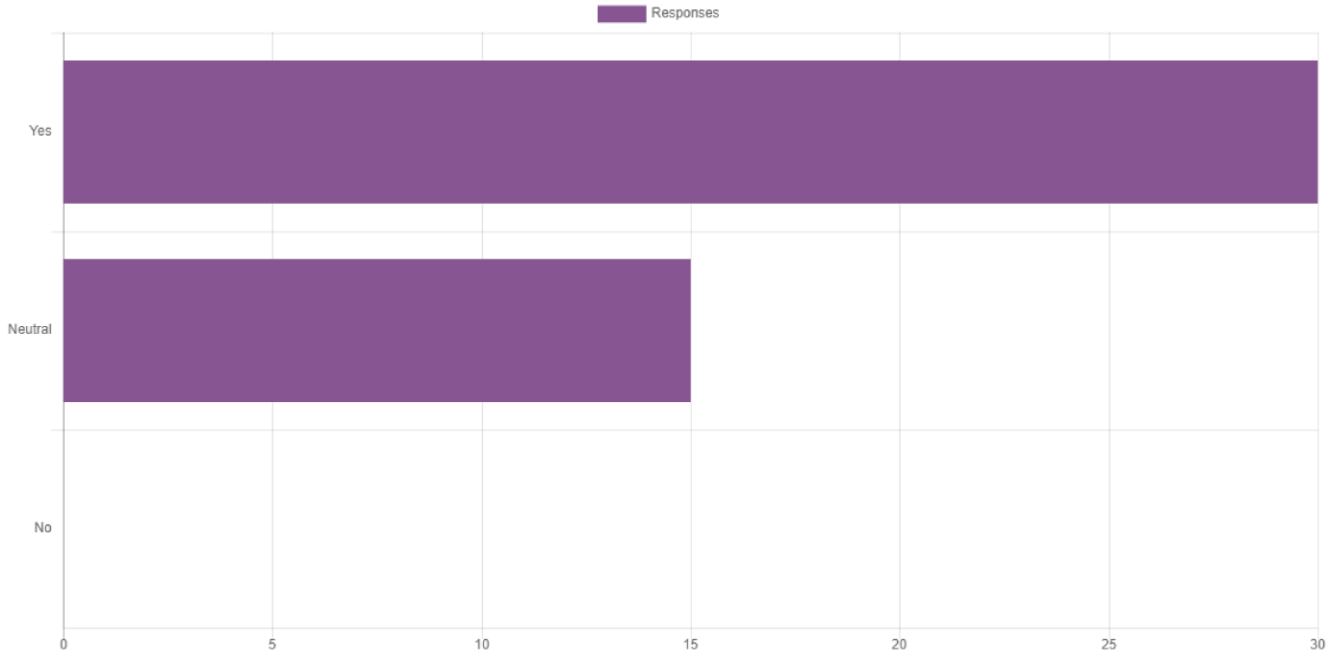
Show chart data

(Q8) Promptness of feedback on submitted coursework was



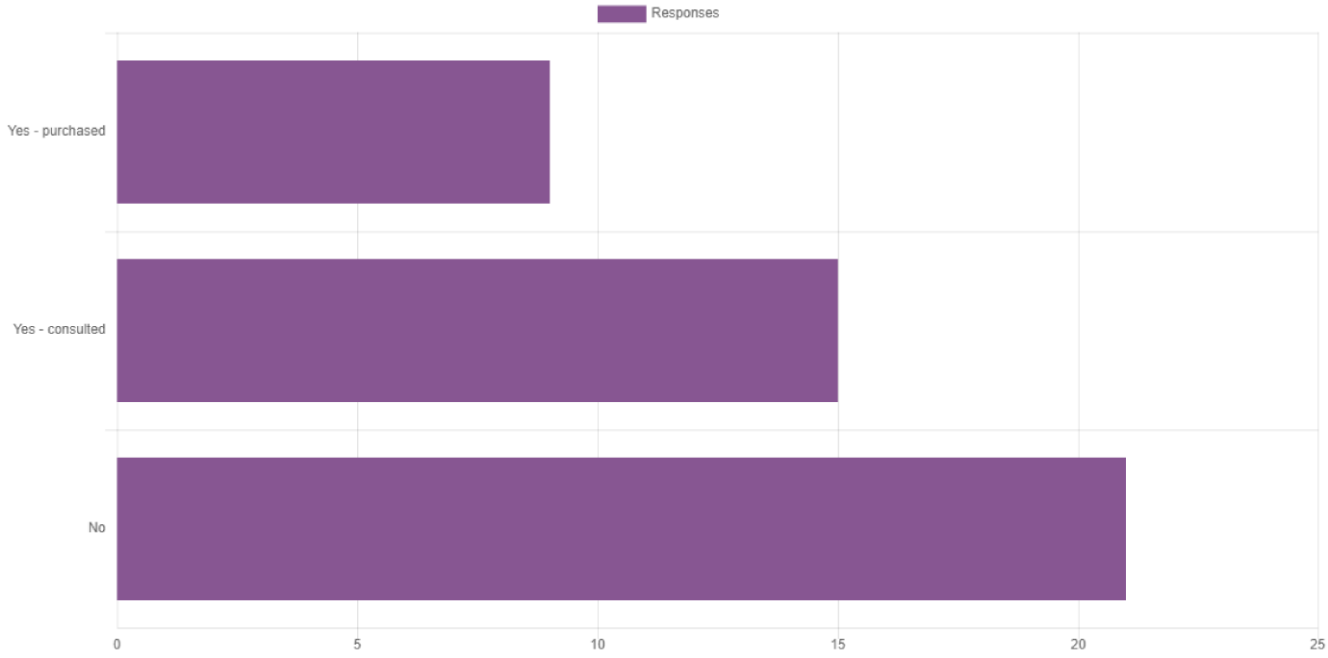
Show chart data

(Q9) Would you like a course taking this subject further ?



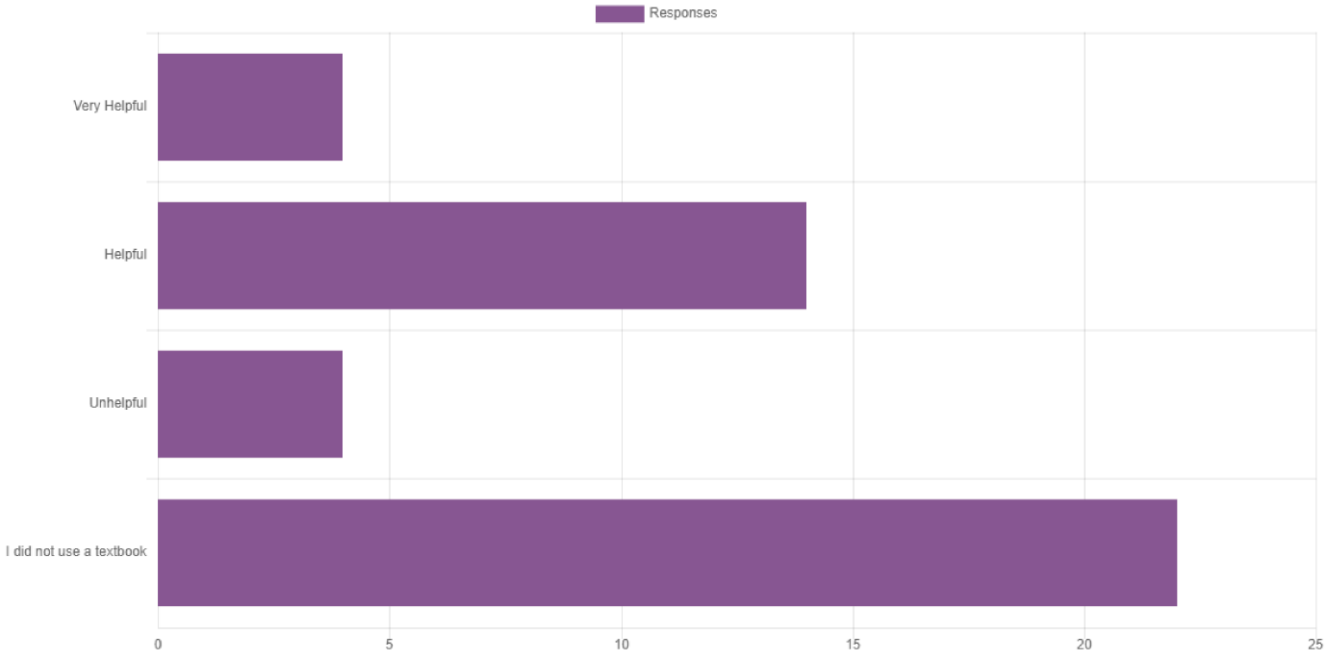
Show chart data

(Q10) Did you use any of the recommended/suggested textbooks?



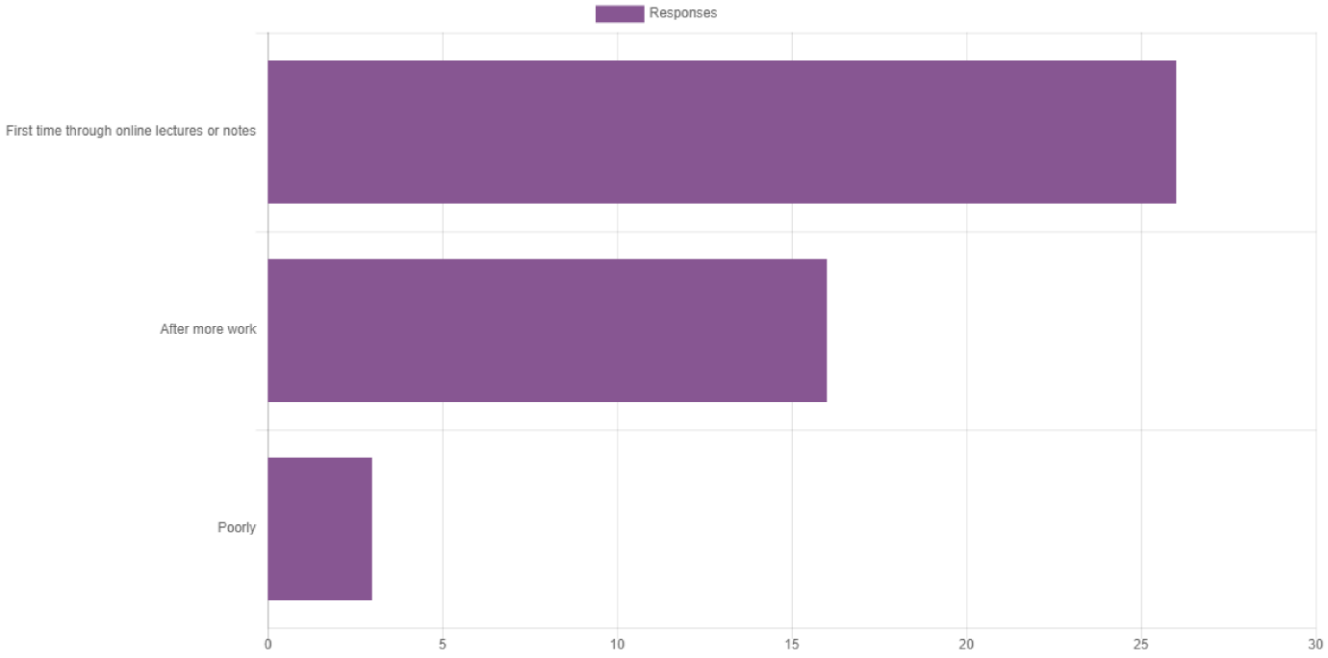
Show chart data

(Q11) I found the textbook(s) used to be



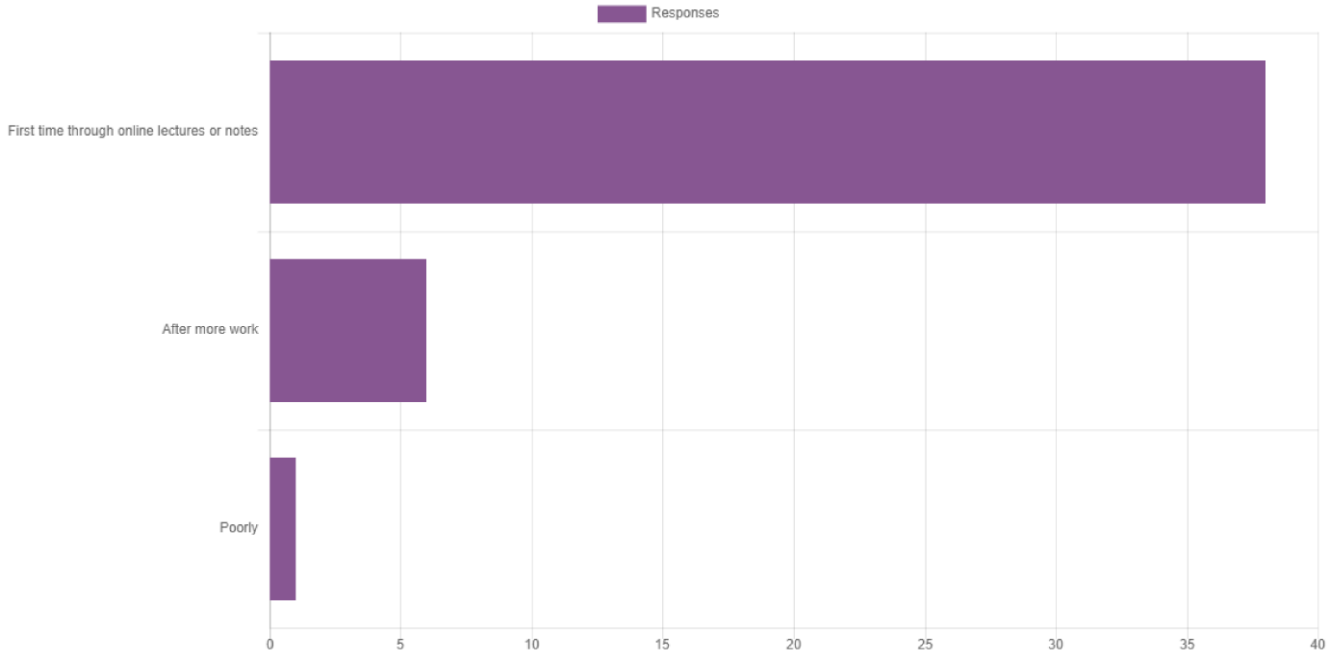
Show chart data

(A) Vectors



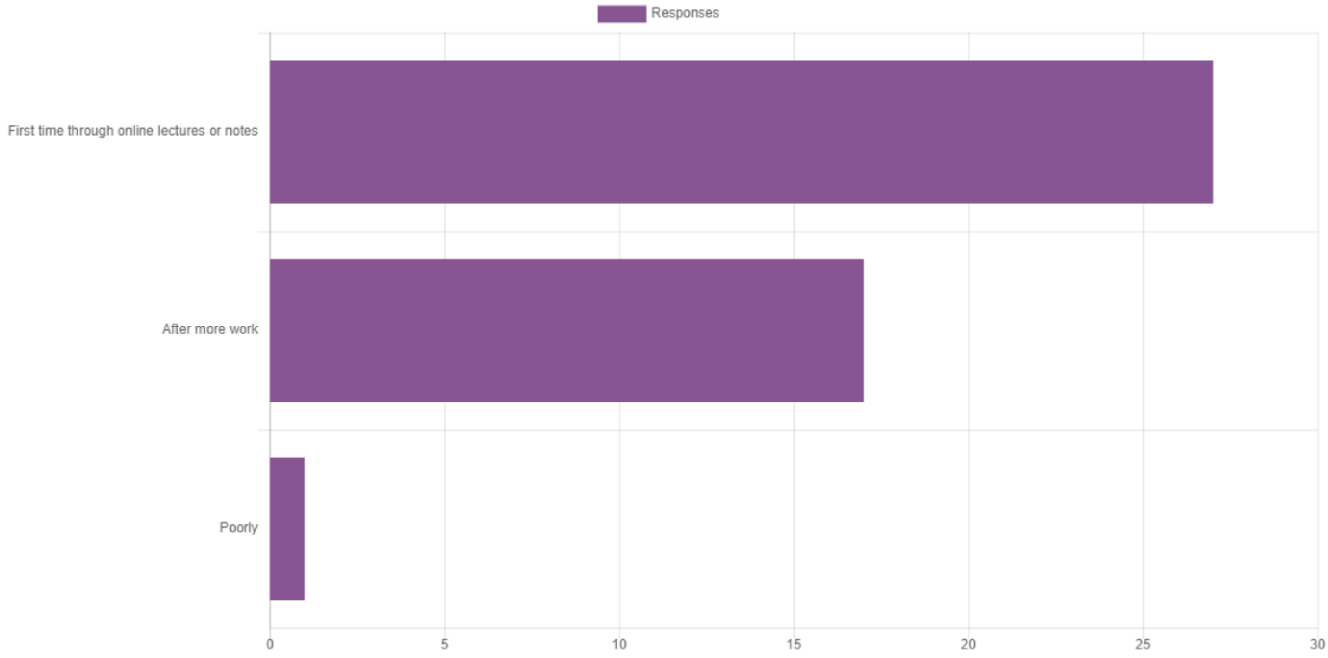
Show chart data

(B) Complex numbers



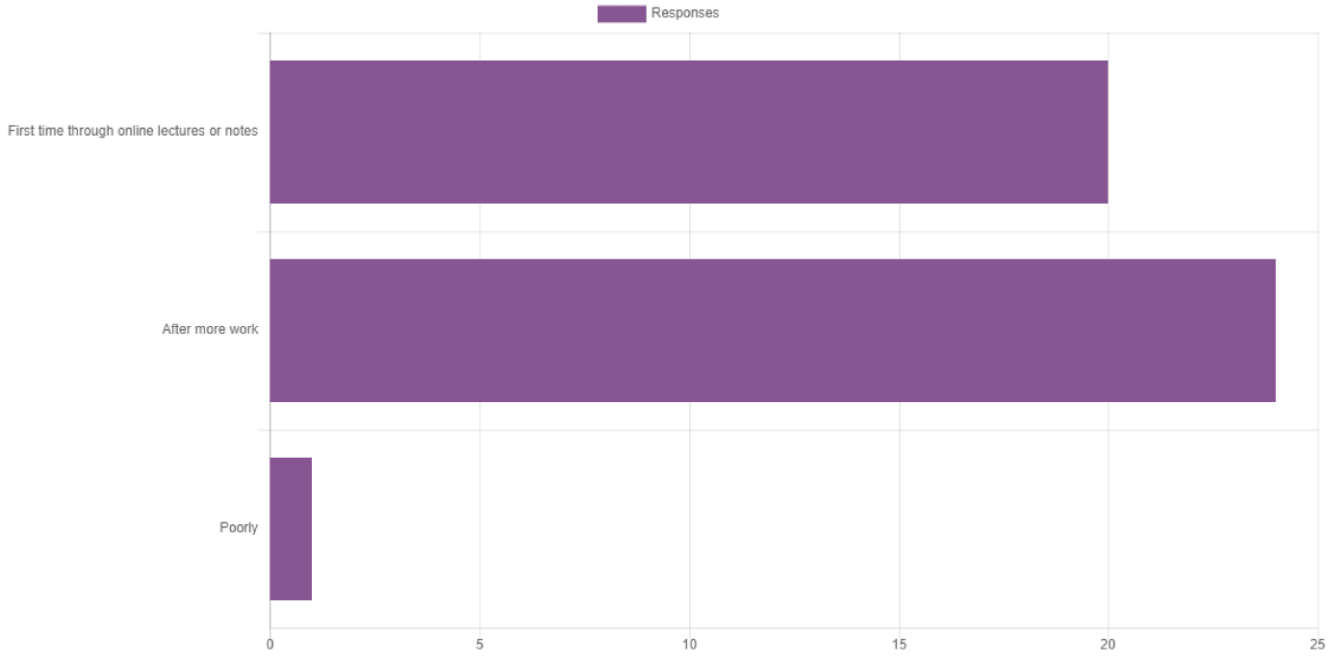
Show chart data

(C) Differential equations



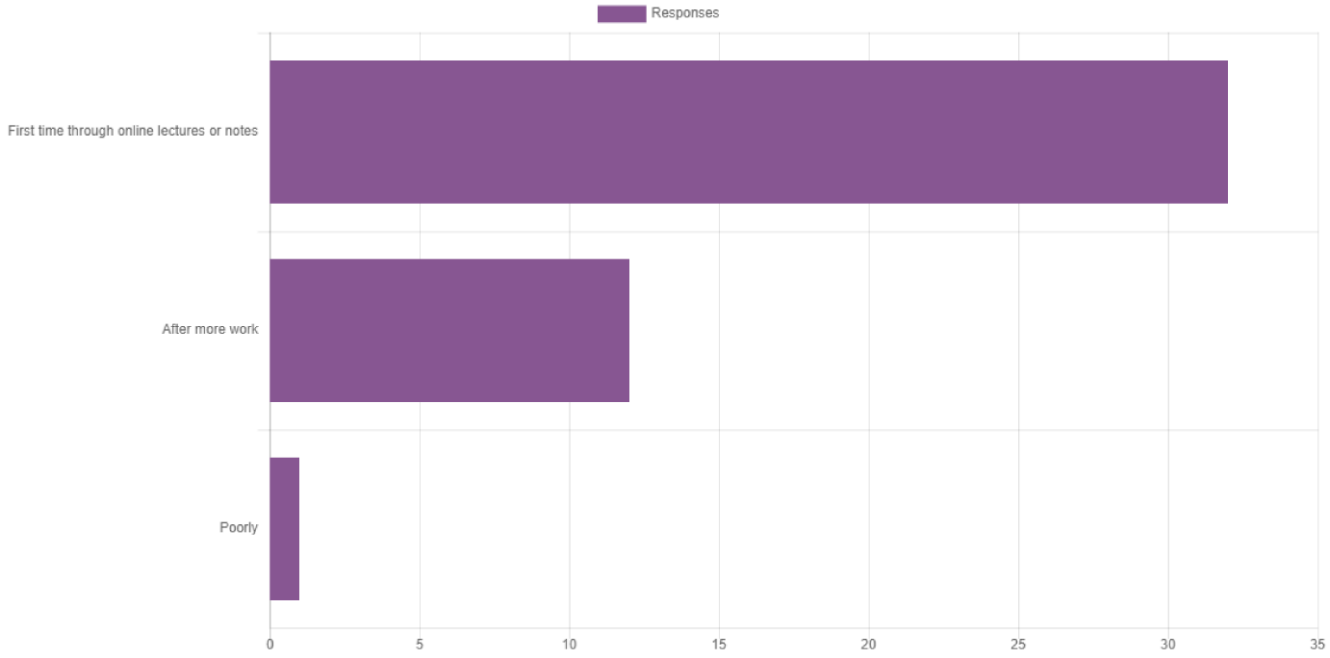
Show chart data

(D) Series Taylor exansions



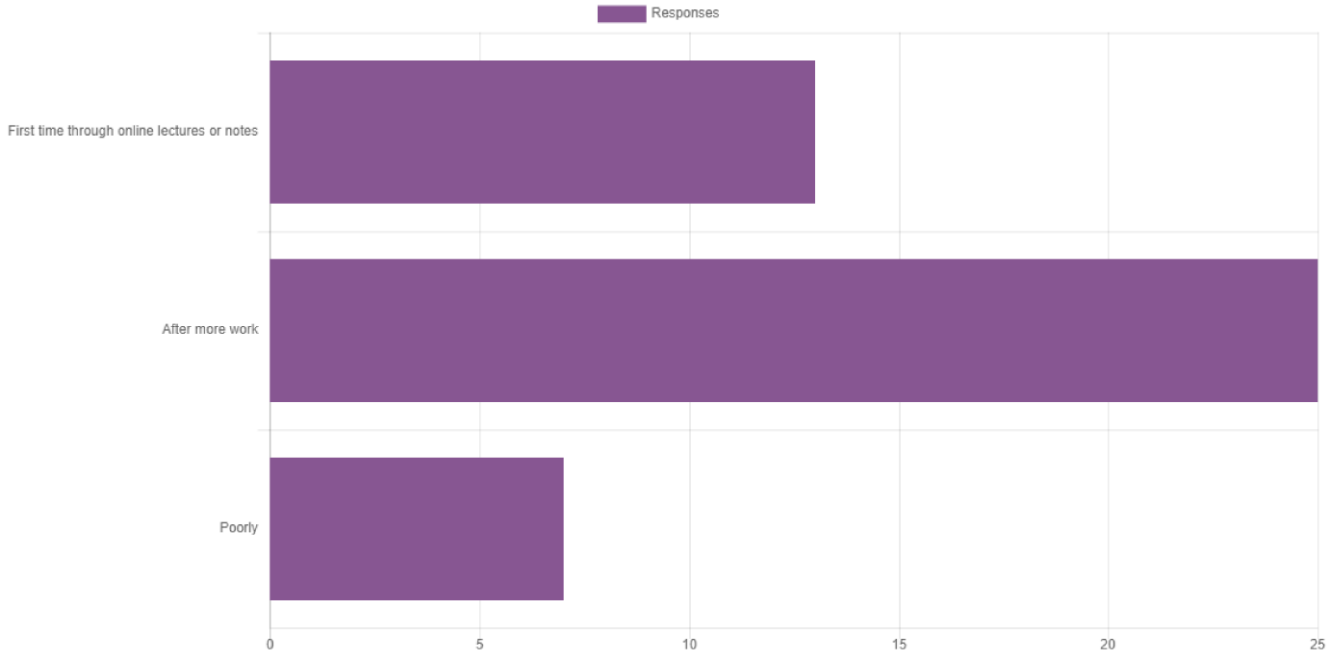
Show chart data

(E) Partial differentiation



Show chart data

(F) Gradient of a scalar function



Show chart data

The best features of this module were:

- I enjoyed the content of the moodle, since they were being taught in this moodule and then being put into practise in the physics moodules.

- Learning about important mathematical methods.

- Partial differentiation week was good. Overall I have had no technical difficulties with this module- the overall changes that have had to be made to fit the current guidelines have worked well for the most part.

- I enjoyed the course entirely.

- Pre-recorded lectures

- All were very interesting, though required good understanding to get through.

- ODEs

- Differential equations

- Prof wilsons clear explanations. The use of examples really helped solidify what we had to do

- The notes were very detailed and easy to access

- Learning the applications of the mathematics.

- Notes were thorough

- the typed notes were really easy to follow along

- I found the typed notes the most helpful resource and often would be following them as I watched the lectures for that topic.
I also found the topic on the gradient of a scalar function really interesting as it included so much of what we had learned before it.

- Enjoyed partial differentiation.
Going through examples in the lectures was very helpful.
Problem classes were very helpful.

- The moodle quizzes were really useful for instantaneous feedback and helped to show me if I understood a topic or not.

Any particular aspects/items needing improvement (and suggestions how):

- At times, past knowledge was assumed and it felt a little unclear on what we are actually doing and why

- Sometimes the lecturer skipped over steps and it made it very confusing to follow

- Perhaps more relation between the math and physical applications? Having more applied questions in the problem sheets might help with this.

- Gradients and Damped oscillations

- Series Testing

- I feel the problem sheets need to cover the harder sections of the course more.

- The volume of lectures and work is too great. Also, when topics are flagged as being something "you should already know" it is honestly quite stressful and upsetting as often it's something I don't know at all. I think it would be useful if it was kept in mind that not all of us did further maths, and most of us had a very incomplete final a level year. It would be useful if some of the examples were worked through more. I also think it would be helpful if the moodle and mastering physics quizzes had the same deadline as the problem sheets so there was more flexibility around when to do them, but I understand something like this isn't always possible.

- The explanations for the topics could be better. I did not do Further Maths at 6th form and so struggled with some of the content and ended up very confused and worried after the lectures. Only after extra work and reading did I understand the topic.

- personally i found the explanation of what the gradient function was to be a bit confusing but aside from that nothing really stood out. Maybe a bit longer spent explaining what is might be helpful to future students

- I found the notes were so general that I had a hard time understanding them, and ended up using the example questions for the majority of my learning. I would appreciate some more practical examples/ numerical examples.

- Typed notes of key information and equations would be very useful (like the ones made for PX148)

- The lectures were mostly useless. I, and many other people on the course, found more often than not, that the lectures made a topic incomprehensibly difficult to understand. Remarkably this stood true for subjects people knew almost completely before approaching the lecture. For example, on three different occasions I taught myself a topic for a given week using resources other than the video lectures, did the problem sheets and moodle quiz then went to watch the lecture - only to find myself unable to understand a single spoken word.

Truly a great feat.

- More detailed explanations of concepts, don't skip steps between calculations - causes confusion

- N/A

Any other comments:

- N/A

- I have really enjoyed this module so far, prof wilson has fantastic at explaining the topics and has been really helpful overall

- Well set out lectures

- Having the key skills for physics (PX146) give out a complex numbers worksheet on the first week only to have a complex numbers topic a few weeks later in PX 149 felt a bit silly.

◄ Module feedback questionnaire 20/21 (PX149 term 2) (hidden)

Jump to...

Assessment strategy ►