PX263 Module Feedback

Thank you for submitting your feedback on this module - the results will be collated and the information viewed by the module leader and the Education Committee and can help to improve the experience of students taking this module in future.

1	I watched or read through the notes of (...?...) of the online lecture material		
Response		Average	Total
>80%		85%	17
50-80%		10%	2
<50%		5%	1
Total responses to question		100%	20/20

2	I attended (...?...) of the Live events for this module		
Response		Average	Total
All		25%	5
Most		10%	2
Some		50%	10
None		15%	3
Total responses to question		100%	20/20
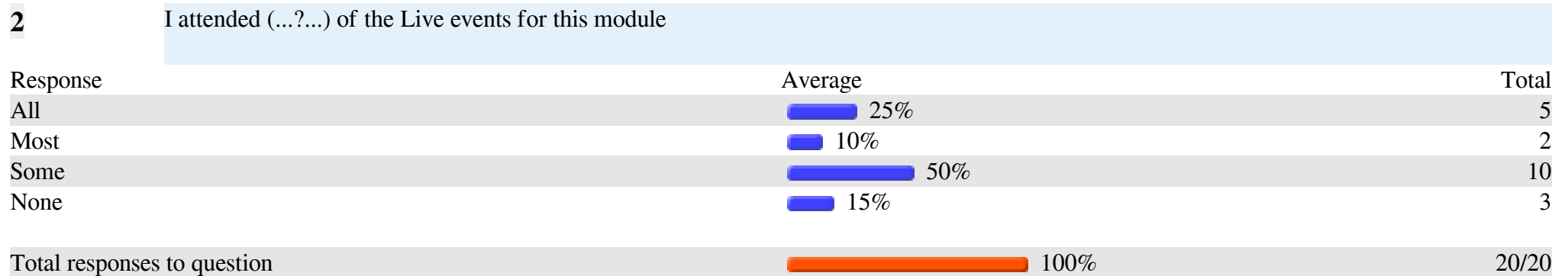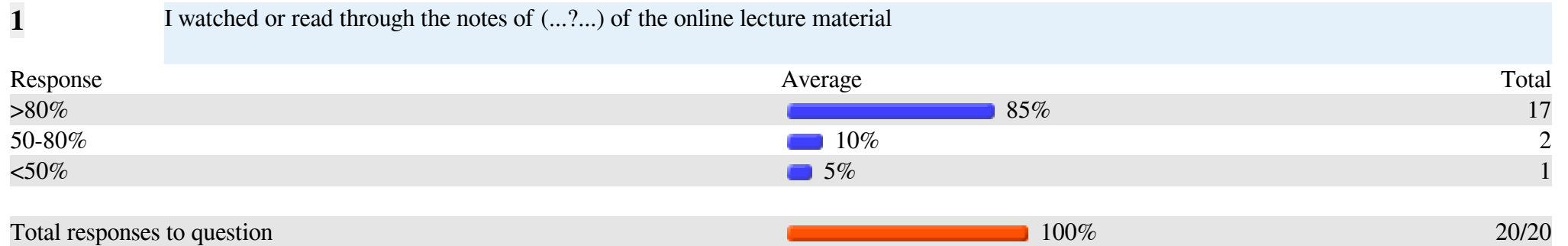
3 The quantity of material was...

Response	Average	Total
About right	70%	14
Too great	30%	6
Total responses to question	100%	20/20

4 By the end of the module its purpose and direction were...

Response	Average	Total
Clear	61%	11
Hazy	39%	7
Total responses to question	90%	18/20
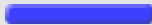
5 Explanation of new terms and concepts was...

Response	Average	Total
Good	47%	9
Adequate	47%	9
Poor	5%	1
Total responses to question	95%	19/20

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

Response	Average	Total
Good	53%	10

Response	Average		Total
Adequate	37%		7
Poor	11%		2
Total responses to question	95%		19/20

7 I attempted (...?...) of examples sheet questions

Response	Average		Total
<40%	44%		8
40-50%	33%		6
>80%	22%		4
Total responses to question	90%		18/20
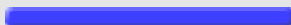
8 The examples sheet questions were...

Response	Average		Total
About Right	69%		9
Too Hard	31%		4
Total responses to question	65%		13/20
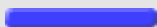
9 Promptness of feedback on submitted coursework was...

Response	Average		Total
Good	91%		10
Poor	9%		1
Total responses to question	55%		11/20

10   Would you like a course taking this subject further ?

Response	Average	Total
Yes	45%	9
Neutral	40%	8
No	15%	3
Total responses to question	100%	20/20

11   Did you use any of the recommended/suggested textbooks?
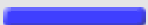
Response	Average	Total
Yes - purchased	5%	1
Yes - consulted	16%	3
No	79%	15
Total responses to question	95%	19/20
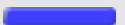
12   I found the textbook(s) used to be...

Response	Average	Total
Very Helpful	6%	1
Helpful	12%	2
I did not use a textbook	82%	14
Total responses to question	85%	17/20

I understood the following main topics

13 Maxwell's Equations in Vacuum and Matter

Response	Average	Total
First time through online lectures or notes	50%	10
After more work	50%	10
Total responses to question	100%	20/20

14 Electromagnetic Waves

Response	Average	Total
First time through online lectures or notes	42%	8
After more work	58%	11
Total responses to question	95%	19/20

15 Boundary Conditions for Electromagnetic Fields

Response	Average	Total
First time through online lectures or notes	32%	6
After more work	58%	11
Poorly	11%	2
Total responses to question	95%	19/20

16 Fresnel's Equations

Response	Average	Total
First time through online lectures or notes	30%	6
After more work	55%	11
Poorly	15%	3
Total responses to question	100%	20/20

17   Geometrical Optics

Response	Average	Total
First time through online lectures or notes	45%	9
After more work	40%	8
Poorly	15%	3
Total responses to question	100%	20/20

18   The best features of this module were:

Respondent	Response
	Electromagnetism was alright
	The delivery of the content was fantastic considering the circumstances. The typeset notes (and appendices) were incredibly useful, such a document should be the standard for all Physics modules. The large number of supplied problems was also advantageous.
	Great written notes.
	Deriving Maxwell's equations at the beginning of the module.
	The equations being at the side of the screen during the whole lecture
	The lecture notes and diagrams were good
	I liked the problem sheet questions. Clear presentation in the lectures. The notes are also a very useful resource and it is clear lots of work has gone into them!
	I liked the optics bit of the module more interesting, but EM was interesting too.

Total responses to question	8/20

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

Respondent	Response
	Optics felt unmotivated and unclear
	I said that the content of the module was too great. By this, I only meant that it's a bit annoying that it goes into term 3 especially with the online tests. I would have preferred it as a term 1 or term 2 module or even straddling terms 1 and 2 as opposed to terms 2 and 3.
	It would have helped to spend more time on the Poynting vector and electric polarisation as I found this area conceptually quite difficult. I'm also unsure of what level I am supposed to be at since some of the example sheet questions are very difficult and some of them are quite doable.
	Its not clear what will be assessed eg. in the tests, the questions which come up are nothing like the examples in the lectures, maybe more questions relating to the questions that will actually come up in tests and in the exam and how to answer them.
	Introduction and desription of terms and ideas seemed quite complex and confusing
	No
	The questions on the problem sheets were often very interesting but also quite difficult sometimes. I wonder whether in addition some exam-level difficulty questions would be useful.

Total responses to question	7/20

20   Any other comments:

Respondent	Response
	I would like to give some feedback on the exam: I have no qualms with q1 other than if you can't figure out 1ciii then you can never fully answer 1civ so I

Respondent	Response
	believe 1ciii should be a "show that" question I seriously question the design philosophy behind having a single question being worth 25% of the total marks of the module. I can see Q1a was not designed to be tough but as physicists it's not often we write essays and this sure felt like an essay question worth 1.53 CATS which I believe is a little unfair. Perhaps you announced there would be a large question in one of the live events: in that case the fault is mine for not watching it. But if not, then I don't think anybody expected that since there are no 12 markers in the past papers or any other module except PX280, which is not core. I believe students' knowledge would have been better demonstrated if q2bi was a "show that" question. Having to rely on GCSE geometry that some have forgotten and had no incentive to revise for to be able to find x and by extension fully answer 2bii and 2biii is not pleasant, to say the least. It's also worth noting that in geometry problems we have always solved them on paper where we can annotate the diagram. This year, with online exams, most people are looking at the paper on the screen and being able to annotate the image would make that question much more pleasant. Drawing the image again feels like a waste of time and it's very easy to forget to copy down a certain detail that could lead to the scenario not making sense anymore. Other than that, I believe the exam was set at a fair level of difficulty although I do have to say that it feels like there is more content to revise for than other 7.5 CAT modules. In summary: if a previous part is required to answer the next question, please make it a "show that" question so that one small mistake is not penalised multiple times.
	Thank you very much!

Total responses to question	2/20