

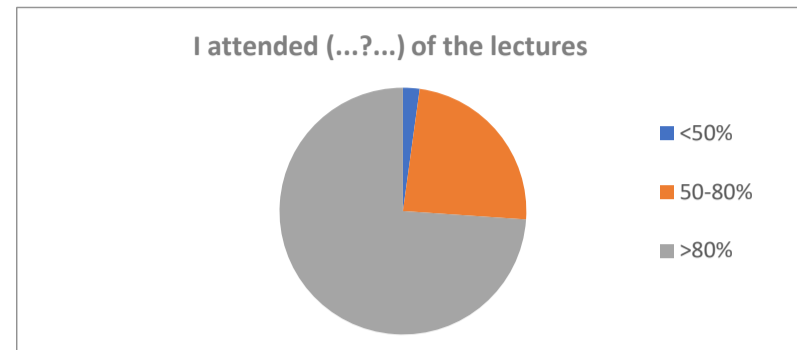
## Survey Summary

### PX263 Feedback 2022

No. of Participants	46
Total no. of students	214
Survey Started	11 May 2022 14:28:22 BST
Survey Ended	

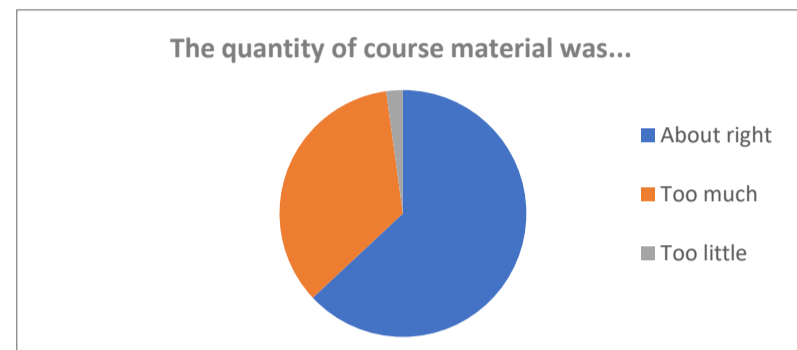
#### I attended (...?...) of the lectures

Description	Responses	%
<50%	1	2.17
50-80%	11	23.91
>80%	34	73.91
<b>Total</b>	<b>46</b>	



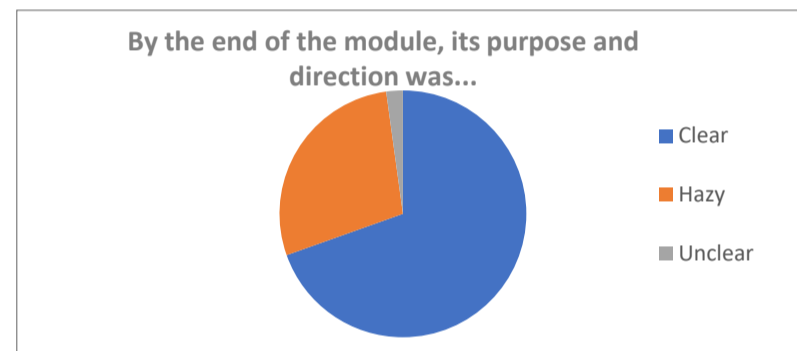
#### The quantity of course material was...

Description	Responses	%
About right	29	63.04
Too much	16	34.78
Too little	1	2.17
<b>Total</b>	<b>46</b>	



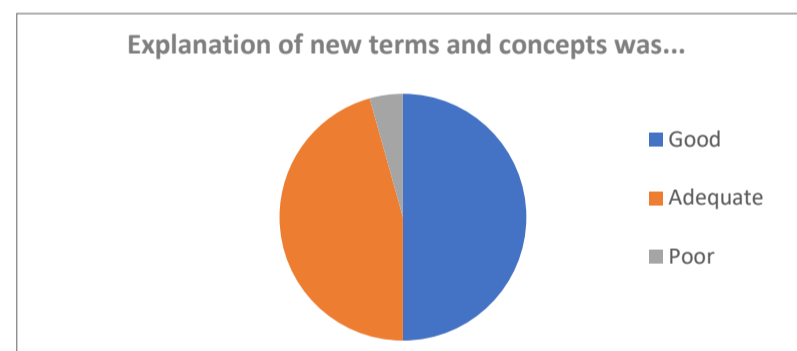
#### By the end of the module, its purpose and direction was...

Description	Responses	%
Clear	32	69.57
Hazy	13	28.26
Unclear	1	2.17
<b>Total</b>	<b>46</b>	



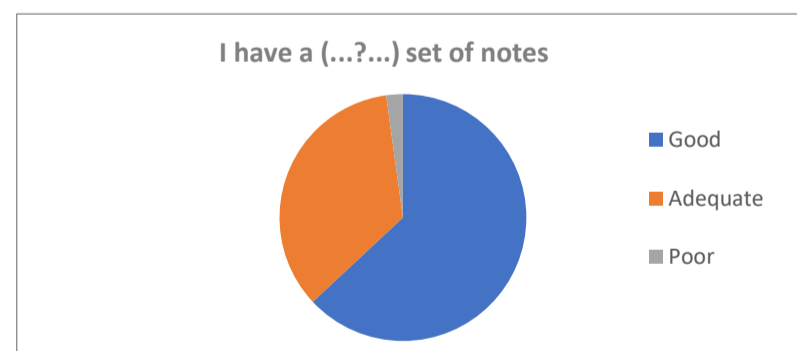
#### Explanation of new terms and concepts was...

Description	Responses	%
Good	23	50.00
Adequate	21	45.65
Poor	2	4.35
<b>Total</b>	<b>46</b>	



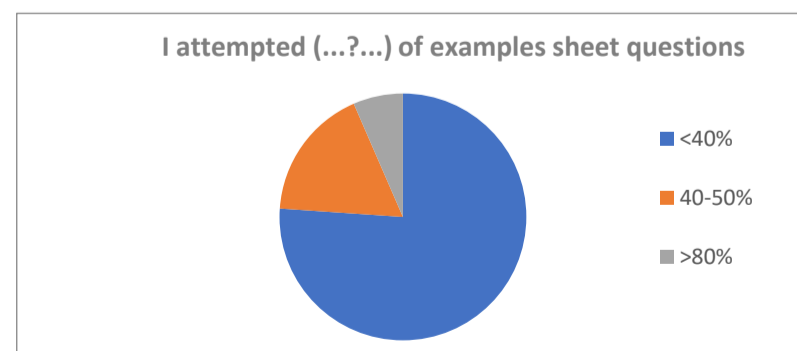
#### I have a (...?...) set of notes

Description	Responses	%
Good	29	63.04
Adequate	16	34.78
Poor	1	2.17
<b>Total</b>	<b>46</b>	



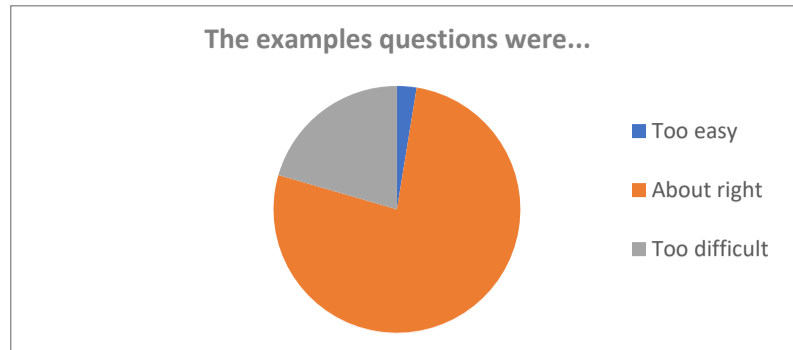
#### I attempted (...?...) of examples sheet questions

Description	Responses	%
<40%	35	76.09
40-50%	8	17.39
>80%	3	6.52
<b>Total</b>	<b>46</b>	



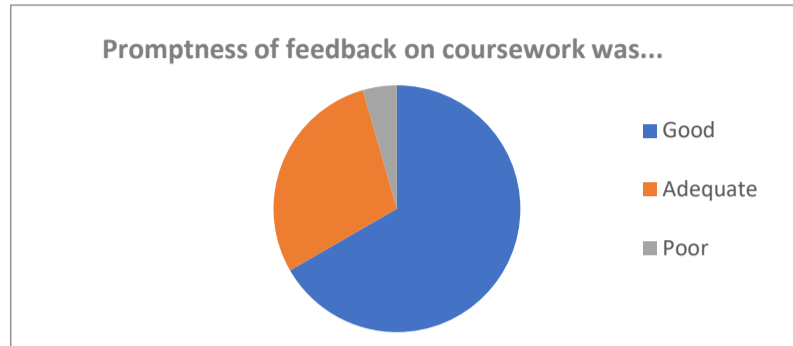
**The examples questions were...**

Description	Responses	%
Too easy	1	2.56
About right	30	76.92
Too difficult	8	20.51
<b>Total</b>	<b>39</b>	



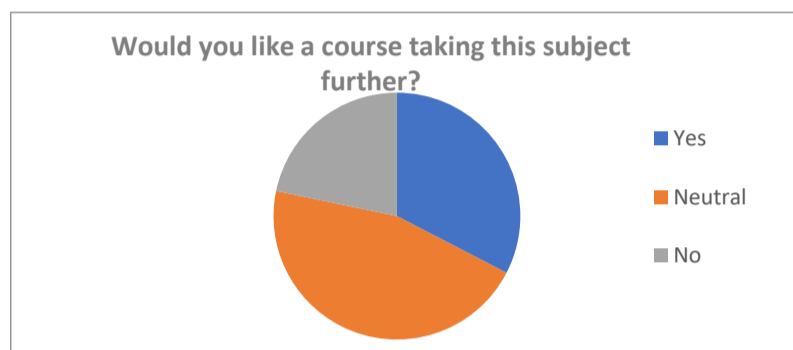
**Promptness of feedback on coursework was...**

Description	Responses	%
Good	30	66.67
Adequate	13	28.89
Poor	2	4.44
<b>Total</b>	<b>45</b>	



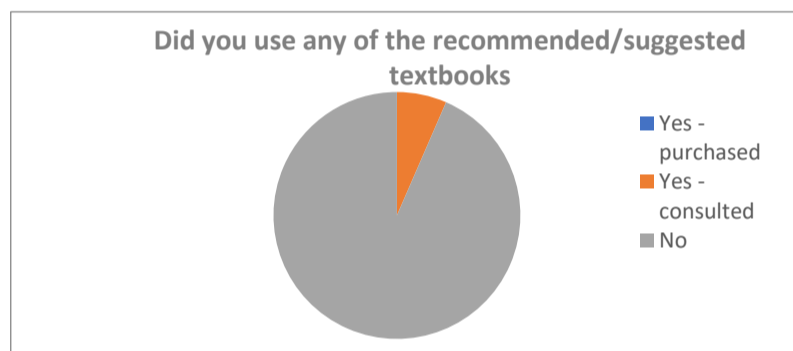
**Would you like a course taking this subject further?**

Description	Responses	%
Yes	15	32.61
Neutral	21	45.65
No	10	21.74
<b>Total</b>	<b>46</b>	



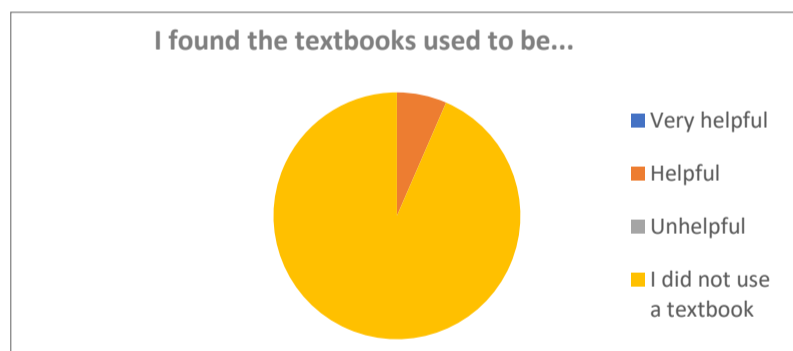
**Did you use any of the recommended/suggested textbooks**

Description	Responses	%
Yes - purchased	0	0.00
Yes - consulted	3	6.52
No	43	93.48
<b>Total</b>	<b>46</b>	



**I found the textbooks used to be...**

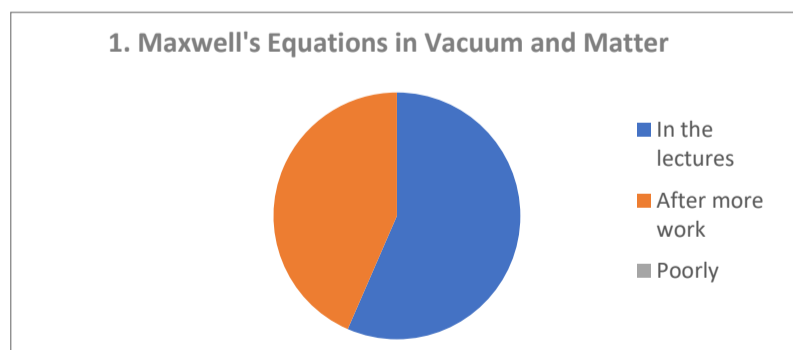
Description	Responses	%
Very helpful	0	0.00
Helpful	3	6.52
Unhelpful	0	0.00
I did not use a textbook	43	93.48
<b>Total</b>	<b>46</b>	



**I understood the following main topics...**

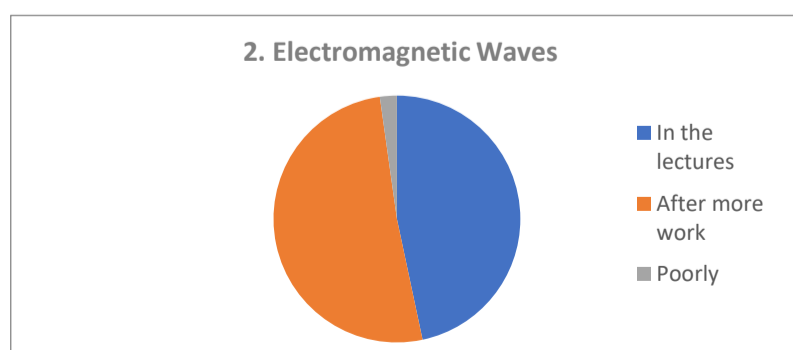
**1. Maxwell's Equations in Vacuum and Matter**

Description	Responses	%
In the lectures	26	56.52
After more work	20	43.48
Poorly	0	0.00
<b>Total</b>	<b>46</b>	



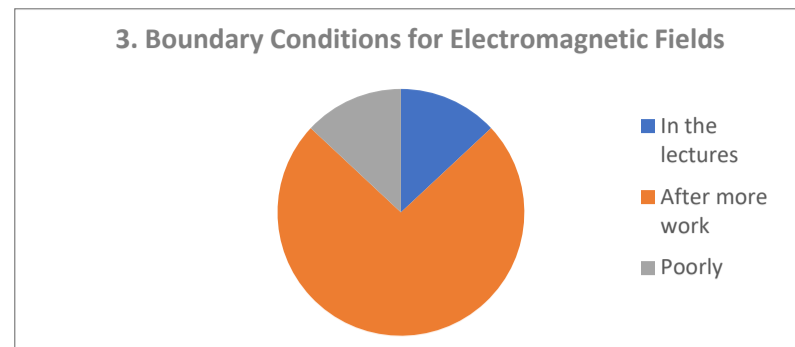
**2. Electromagnetic Waves**

Description	Responses	%
In the lectures	21	46.67
After more work	23	51.11
Poorly	1	2.22
<b>Total</b>	<b>45</b>	



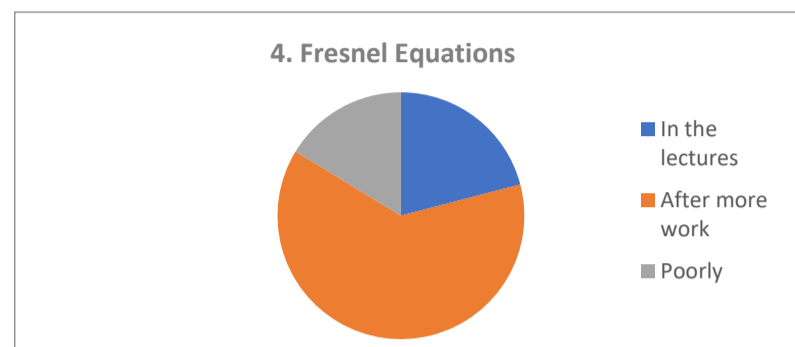
### 3. Boundary Conditions for Electromagnetic Fields

Description	Responses	%
In the lectures	6	13.04
After more work	34	73.91
Poorly	6	13.04
<b>Total</b>	<b>46</b>	



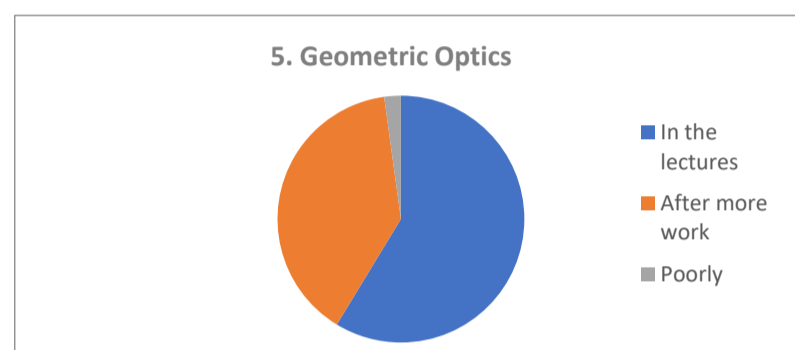
### 4. Fresnel Equations

Description	Responses	%
In the lectures	9	20.93
After more work	27	62.79
Poorly	7	16.28
<b>Total</b>	<b>43</b>	



### 5. Geometric Optics

Description	Responses	%
In the lectures	27	58.70
After more work	18	39.13
Poorly	1	2.17
<b>Total</b>	<b>46</b>	



### The best features of this module were:

**Participants:** 16

#### Comments:

the lectures and lecturer were great

Good variety of material and I think the quizzes were kindly marked. Going over the quizzes and problem sheet questions was also very helpful.

Geometric optics is clearly explained verbally and visually. Clear narrative in the flow of topics.

Typed notes supplement the lectures really well :)

Some of the course is interesting and the lecturing is pretty good. I like the summaries at start/ end

Explanations were really good

The typed notes.

A good clear set of typed notes, good explanations of new concepts.

Clear derivations

Good pacing

I liked the tests, they made me somewhat keep up with the material. Also, the lectures are good.

Quite interesting.

The lecturer

The content.

The full notes were really good. Not just because they offered at times alternative explanations, and were an excellent reference, but also because they allowed me to see the direction of the module. Being able to see how each week follows from the last beforehand is really useful.

Also, as someone who suffers from anxiety, having typed notes does definitely ease a lot of exam anxiety. This is because I'm not constantly worried if I need to learn more things than I wrote down in the lecture, or which parts of the recommended textbook I also need to read etc.

It is also worth noting that at times I am unable to take my own notes due to mental health problems, so having the typed notes is also good for accessibility. All of that is to say that I wish more modules had such a thorough set of notes!

The typed notes, great for giving alternative explanations

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

**Participants:** 13

#### Comments:

This module would have been much better if first-year E&M was better. With better previous knowledge, I would have understood and learned a lot more from each lecture.

Some topics were gone over a little too fast, I required quite a bit of extra reading afterwards

Lectures can feel very fast and hard to follow when loads of information and equations are being thrown around all at once.

Reminding the students of things referenced from older lectures as often it's hard to remember things straight away.

Sometimes a bit hard to keep up with the lecture/ read the lecturers handwriting

1 quiz at the end of EM (end of term 2), 1 quiz at the end of optics (end of term 3) rather than 3 quizzes with one straight after Easter.

Pace of the lectures is a little too fast

Handwritten notes could be clearer.

Maybe do some more examples during the lectures, rather than having examples classes. But the examples classes do work well.

The syllabus seems a bit unclear. I would have liked it to have had less content, but delving more deeply into it.

Perhaps go more slowly and explain where terms came from, more explanation of how all the terms fit together.

The lecture notes made in lectures need more words to add context to what is being explained.

There seems to be a lot of memorisation of formulas. I understand that there are equations that as a physicist you shouldn't have to refer back to, you should just know, but I feel like the quantity of memorisation has meant that I haven't had as much time to do practise questions as I

would have liked. A part of the course that I did not understand is the stuff about volume magnetisation current and volume density of polarisation charges.

**Any other comments:**

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**Participants:**

6

**Comments:**

This course runs partly in term 3 which is quite baffling considering I have 13 exams to revise for whilst still having to come in for at least 1 hour of lectures a day. I think that this will negatively affect all of my exams and the fact that it is a joint exam paper is also a big issue as it makes revising for it incredibly difficult

Don't run into term 3.. finish the course before the exam season

Friendly lecturer

Thank you!

The module would be better if it was solely in term 2 rather than terms 2 and 3 to give more time for exam revision

n/a