Responses: **22**

PX384 Module Feedback Questionnaire

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%	91%	20
50-80%	9%	2
Total responses to question	100%	22/22

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

Response	Average	Total
All	14%	3
Most	23%	5
Some	36%	8
None	27%	6
Total responses to question	100%	22/22

3 The quantity of material was...

Response	Average	Total
About right	91%	20
Too great	9%	2
Total responses to question	100%	22/22

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

Response	Average	Total
Clear	77%	17
Hazy	23%	5
Total responses to question	100%	22/22

5 Explanation of new terms and concepts was...

Response	Average	Total
Good	64%	14
Adequate	36%	8
Total responses to question	100%	22/22

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

Response	Average	Total
Good	68%	15
Adequate	27%	6
Poor	5%	1
Total responses to question	100%	22/22

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

Response	Average	Total
<40%	15%	3
40-50%	35%	7
>80%	50%	10
Total responses to question	91%	20/22

8 The examples sheet questions were...

Response	Average	Total
About Right	94%	15
Too Hard	6%	1
Total responses to question	73%	16/22

9 Promptness of feedback on submitted coursework was...

Response	Average	Total
Good	89%	16
Adequate	6%	1
Poor	6%	1

Response	Average	Total
Total responses to question	82%	18/22

10 Would you like a course taking this subject further ?

Response	Average	Total
Yes	68%	15
Neutral	23%	5
No	9%	2
Total responses to question	100%	22/22

11 Did you use any of the recommended/suggested textbooks?

Response	Average	Total
Yes - purchased	5%	1
Yes - consulted	14%	3
No	82%	18
Total responses to question	100%	22/22

12 I found the textbook(s) used to be...

Response	Average	Total
Helpful	19%	4
I did not use a textbook	81%	17
Total responses to question	95%	21/22

I understood the following main topics

13 Maxwell Equations with Vector Potentials

Response	Average	Total
First time through online lectures or notes	77%	17
After more work	23%	5
Total responses to question	100%	22/22

14 Special Relativity with 4-vectores and index notation

Response	Average	Total
First time through online lectures or notes	45%	10
After more work	55%	12
Total responses to question	100%	22/22

15 Faraday Tensor and charged particle motion

Response	Average	Total
First time through online lectures or notes	23%	5
After more work	77%	17
Total responses to question	100%	22/22

16 Relativistic formulation of Maxwell Equations

Response	Average	Total
First time through online lectures or notes	32%	7
After more work	68%	15
Total responses to question	100%	22/22

17 Hertzian Dipole radiation

Response	Average	Total
First time through online lectures or notes	9%	2
After more work	77%	17
Poorly	14%	3
Total responses to question	100%	22/22

18 Fields of moving point charge

Response	Average	Total
First time through online lectures or notes	14%	3
After more work	68%	15
Poorly	18%	4
Total responses to question	100%	22/22

19 The best features of this module were:

Respondent	Response
	Really enjoyed watching the lectures, the lecturer did a great job.
	Explanations were thorough and good.
	Perfect format of lectures! Handwritten notes (which were written in real time each lecture) and clear explanations. This made it easy to engage with the material and made watching the lectures very enjoyable. Certainly the only lectures I looked forward to watching for these first 5 weeks.
	Bits on antenna
	A nice follow on module to PX263, contains a lot of cool concepts and a lot of cool maths.
	Lectures were delivered well
	Getting feedback from the tests. Some modules don't allow reviews of tests which is very detrimental to my learning as I don't know what I have got wrong. Going through these tests in live events would be nice. Especially some of the harder questions.
	The content was very engaging and lectures were clear and comprehensive.
	Clear explanations, logical presentation.
Total responses to question	9/22

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

Respondent	Response
	The end of the module had lots more content and was also quite hard. Maybe space out the content more evenly
	Clarity on topic sections. It was slightly unclear where that week's content was building towards sometimes. Types lecture notes would also help.
	I'd have found it useful if we'd gone through the answers to the quiz questions in the live events.
	Would be good if final problem sheet solutions were released before final quiz
	Prerecorded or written feedback on the assignments would have been good.
	Extremely hand-wavey and lack of clear mathematical explanations of the new concepts such as tensors - doesn't need to be a rigorous explanation but could be a lot clearer and better motivated with more examples. The section on radios and antenna felt out of place in my opinion.
	Online quizzes are awful, a set of weekly problem sheets (similar to 1st year) would have been so much better. With proper feedback on questions which mark our working out and not just our answers. And a whole week to do the problems rather than timed 3hrs in front of my laptop as if this was an exam
	More methodical with derivations. Sometimes I don't know where terms are coming from and terms disappear. Other than this, I absolutely loved this module.
	I think the module could have benefited from an in person aspect ideally with in person lectures but obviously this is dependant on restrictions at the time.

Respondent	Response
	Some of the derivations particularly involving Green's functions I struggled to follow. I wonder whether a brief (maybe optional) lecture just to introduce Green's functions properly would be helpful.
Total responses to question	10/22

21 Any other comments:

Respondent	Response
	Would be good if final problem sheet solutions were released before final quiz
	Really interesting subject that was great fun to learn. Thank you.
	Thank you
Total responses to question	3/22