Responses: **10** / 32

PX447 - 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%	90%	9
50-80%	10%	1
Total responses to question	100%	10/10

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

Response	Average	Total
All	10%	1
Most	50%	5
Some	10%	1
None	30%	3
Total responses to question	100%	10/10

3 The quantity of material was...

Response	Average	Total
About right	40%	4
Too great	60%	6
Total responses to question	100%	10/10

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

Response	Average	Total
Clear	60%	6
Hazy	10%	1
Unclear	30%	3
Total responses to question	100%	10/10

5 Explanation of new terms and concepts was...

Response	Average	Total
Good	50%	5
Adequate	20%	2
Poor	30%	3
Total responses to question	100%	10/10

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

Response	Average	Total
Good	40%	4
Adequate	50%	5
Poor	10%	1
Total responses to question	100%	10/10

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

Response	Average	Total
<40%	22%	2
40-50%	22%	2
>80%	56%	5
Total responses to question	90%	9/10

8 The examples sheet questions were...

Response	Average	Total
About Right	63%	5
Too Hard	38%	3
Total responses to question	80%	8/10

9 Promptness of feedback on submitted coursework was...

Response	Average	Total
Good	100%	1
Total responses to question	10%	1/10

10 Would you like a course taking this subject further ?

Response	Average	Total
Yes	44%	4
Neutral	44%	4
No	11%	1
Total responses to question	90%	9/10

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

Response	Average	Total
Yes - purchased	13%	1
Yes - consulted	13%	1
No	75%	6
Total responses to question	80%	8/10

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

Response	Average	Total
Helpful	38%	3
I did not use a textbook	63%	5
Total responses to question	80%	8/10

13 I found the weekly reflection exercise to be...

Response	Average	Total
Very Helpful	38%	3
Helpful	13%	1
Unhelpful	13%	1
Did not undertake	38%	3
Total responses to question	80%	8/10

14 I found the lecture notes to be...

Response	Average	Total
Very Helpful	33%	3
Helpful	33%	3

Response	Average	Total
Unhelpful	33%	3
Total responses to question	90%	9/10

15 The Exercises and their solutions helped me understand the material

Response	Average	Total
Substantially	40%	4
Moderately	20%	2
Marginally	30%	3
Not at all	10%	1
Total responses to question	100%	10/10

I understood the following main topics

16 Reversible classical computation

Response	Average	Total
After watching the videos	40%	4
After working on the Exercises	40%	4
After more work	10%	1
Poorly	10%	1
Total responses to question	100%	10/10

17 Universal gates for quantum computation

Response	Average	Total
After watching the videos	20%	2
After working on the Exercises	40%	4
After more work	30%	3
Poorly	10%	1
Total responses to question	100%	10/10

18 Quantum simulation

Response	Average	Total
After watching the videos	20%	2

Response	Average	Total
After working on the Exercises	20%	2
After more work	40%	4
Poorly	20%	2
Total responses to question	100%	10/10

19 Quantum search

Response	Average	Total
After watching the videos	20%	2
After working on the Exercises	20%	2
After more work	50%	5
Poorly	10%	1
Total responses to question	100%	10/10

20 Quantum algorithm for solving linear equations

Response	Average	Total
After watching the videos	30%	3
After working on the Exercises	20%	2
After more work	30%	3
Poorly	20%	2
Total responses to question	100%	10/10

21 Quantum Fourier transform

Response	Average	Total
After watching the videos	20%	2
After working on the Exercises	20%	2
After more work	40%	4
Poorly	20%	2
Total responses to question	100%	10/10

22 Quantum error correction

Response	Average	Total

Response	Average	Total
After watching the videos	20%	2
After working on the Exercises	10%	1
After more work	40%	4
Poorly	30%	3
Total responses to question	100%	10/10

23 The best features of this module were:

Respondent	Response
	I think the module content is some of the most complex material that has been taught to me as an undergrad. Whilst I don't imagine I will ever go further than I have in this module, and I have found it extremely challenging at times, quantum computation is something that will only grow more important in the future and I am grateful that it was available as a module choice.
	The interdisciplinary nature of it. As an MMathPhys student I felt that I was using skills from both my modules in the maths department, as well as my modules in the physics department, and on top of that new skills from complexity science, so this module felt like a nice way to end the degree by bringing lots of things together.
	Completely new material Typed notes are reasonably good
	Well-written lecture notes Well-explained videos Helpful answers in live sessions
	Excellent lecture notes and really interesting content.
	The lecturing and explanation of concepts.
Total responses to question	6/10

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

Respondent	Response
	The notes written during the videos could be made clearer, as sometimes it is difficult to follow the mathematics when the the lecturers handwriting gets a little disorganized. One of the reasons I found this module so difficult was its abstract nature. I am not sure if it is possible in a module of this nature, but if examples of some of the techniques and algorithms learnt could be given and gone through (such as the running example found in the integer factoring question) I think that might make the topics clearer.
	The exercises are way too technical and do not offer any insight on understanding the topics. Maybe more insightful exercises would have helped more
	Not particularly - the lectures were very slick.
	There is not enough video lecture material whatsoever, it is terrible that most of the learning is done just by reading some notes. All of my other modules had video lectures accompanied by notes to explain things.
	Presentation of material - dry, fast, messy (handwriting/scribbles) Explanations do little to make things clearer Expects a lot of students
	No

Respondent	Response
	N/A

Total responses to question	7/10

25 Any other comments:

Respondent	Response
	Thanks for bringing this module this year! Otherwise I would have taken the CS quantum computing module.
	Just because all teaching has been moved online, that does not mean that it is acceptable to remove essentially all lecturing and just leaving us with a sparse weekly q and a.
	Thanks Animesh!
	Very engaging module despite virtual lectures.

Total responses to question	4/10