Responses: **18** / 126

PX280 (2) - 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%	100%	18
Total responses to question	100%	18/18

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

Response	Average	Total
All	22%	4
Most	22%	4
Some	44%	8
None	11%	2
Total responses to question	100%	18/18

3 The quantity of material was...

Response	Average	Total
About right	83%	15
Too great	17%	3
Total responses to question	100%	18/18

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

Response	Average	Total
Clear	56%	10
Hazy	44%	8
Total responses to question	100%	18/18

5 Explanation of new terms and concepts was...

Response	Average	Total
Good	59%	10
Adequate	41%	7
Total responses to question	94%	17/18

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

Response	Average	Total
Good	56%	10
Adequate	44%	8
Total responses to question	100%	18/18

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

Response	Average	Total
<40%	44%	7
40-50%	38%	6
>80%	19%	3
Total responses to question	89%	16/18

8 The examples sheet questions were...

Response	Average	Total
About Right	86%	12
Too Hard	14%	2
Total responses to question	78%	14/18

9 Promptness of feedback on submitted coursework was...

Response	Average	Total
Good	100%	2
Total responses to question	11%	2/18

10 Would you like a course taking this subject further ?

Response	Average	Total
Yes	33%	6
Neutral	56%	10
No	11%	2

Response	Average	Total
Total responses to question	100%	18/18

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

Response	Average	Total
Yes - consulted	13%	2
No	88%	14
Total responses to question	89%	16/18

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

Response	Average	Total
Very Helpful	8%	1
Helpful	8%	1
I did not use a textbook	85%	11
Total responses to question	72%	13/18

I understood the following main topics

13 INTRODUCTION (greenhouse effect and light absorption as a source of energy)

Response	Average	Total
First time through online lectures or notes	83%	15
After more work	17%	3

Response	Average	Total
Total responses to question	100%	18/18

14 LIGHT AND MATTER (Black body radiation, Einstein coefficients, Beer-Lambert Law, UV and biomolecules)

Response	Average	Total
First time through online lectures or notes	50%	9
After more work	33%	6
Poorly	17%	3
Total responses to question	100%	18/18

15 CLIMATE & CLIMATE CHANGE (Vertical structure of atmosphere, radiation balance, dynamics in the climate system)

Response	Average	Total
First time through online lectures or notes	50%	9
After more work	50%	9
Total responses to question	100%	18/18

16 CLIMATE & CLIMATE CHANGE (Forcings, feedbacks, carbon cycle, Are We Responsible?)

Response	Average	Total
First time through online lectures or notes	67%	12
After more work	33%	6
Total responses to question	100%	18/18

What did you think of the following methods of delivery?

17 Notes handwritten during videos

Respondent	Response
	I like them. Much better than 100% powerpoint slides in my opinion.
	This is by far my preferred method of delivering content online
	The handwritten notes were very good. As I watched the videos I could easily copy what the lecturer wrote down and understood it at the same time. This saves a lot of time compared to the slides.
	Good
	Prefer this style of lecture. Makes it much easier to know what we need to know and gives a clearer set of notes to revise from
	The notes were clear and useful.
	This worked really well and was very clear. It was also complimented well with the figures.
	I found it better to take notes as the lecture talked instead of from what he wrote down since what he would say had more detailed information
	really good! very helpful
	This was brilliant and it really helped. I think if this were to have all been done using powerpoint slides then I would have struggled much more and it would have made it much less interactive and boring!
	Easy to follow
	Good, useful to look back at
	Very useful.
	Good
	Very good method, allows for a step by step walk through that helped with my understanding and learning efficiency
	I like these as I can easily transfer these to notes
Total responses to question	16/18

18 PowerPoints presented during videos

Respondent	Response
	Useful, clear, and straightforward.
	This method makes note taking take twice as long as for the handwritten content
	They contained good explanation of the material and they had nice illustrative pictures. However, most of my time was spent by watching a slide, stopping the video to copy down the sentences, watched the next slide, stopped the video to copy, and so on... By my opinion the takes a lot of time. A 15 minute video took me approximately 50-60 minutes to watch and copy everything down to my notebook. I (personally) prefer the handwritten notes because I can write it simultaneously with the lecturer and I don't necessarily have to stop the video.
	Harder to make good notes from
	Good when used alongside the handwritten notes, although some of the references to graph Figures are a bit confusing as we need to keep cross-referencing our hand-written notes with the powerpoint slides. It might have been better to draw out some of these figures in the handwritten notes.
	It was good to see all the data/graphs for these sections.
	These were good overall but sometimes felt like they had an excessive amount of written material to note down.
	Useful diagrams to go with the explanations
	good, but sometimes it took very long to make notes on them
	Very good and linked very well with the work! I really liked that you talked through the graphs before actually forming notes on it. It helps students take in the information and actually form their thoughts before writing down the notes!
	Harder to know what is needed to make notes on
	Good for diagrams

Respondent	Response
	Harder to transfer into notes. But good for visualising info
	Id prefer the graph slides to be put into the notes instead of having to constantly refer back to them
	Allowed for interesting discussions although it was unclear which parts were relevant to focus on particularly, it was also somewhat more difficult to take notes in this format
	Not as much of a fan, as you have to keep pausing to make notes. Or if there are complex graphs, these have to be omitted from notes unless you can print them all off
Total responses to question	16/18

19 Guided reading material

Respondent	Response
	Didn't like it as much. I preferred the handwritten notes and explained material.
	This is ineffective in my opinion
	Not so good. I struggle to grasp concepts by reading
	I don't really like this method of delivery.
	I was less keen on the material presented this way.
	This was fine for 2 weeks but isn't the most effective way to learn.
	alright, but kind of boring
	Very good and I enjoyed reading most of it!
	I find it hard to learn from reading
	Less interesting
	Hard to learn from.
	Didn't enjoy this as much as the other methods although it did allow learning at a slower pace to try to help with understanding

Respondent	Response
Total responses to question	12/18

20 The best features of this module were:

Respondent	Response
	The lecturer, content and birds.
	The delivery of the handwritten notes with the commentary
	It was very interesting. I liked how we applied our knowledge to practical work and we saw physics in less abstract situations which effect our everyday lives.
	Bird of the week
	The content was really interesting, and I thought there was about the right amount of it.
	I enjoyed the climate histories section right at the end. I liked the sections which used some simple equations to estimate flux and temperature changes too.
	The content was mostly interesting and most sections were well structured. The mathematical derivations using blocks of air and similar parts were particularly satisfying.
	Bird of the week
	the sections on climate and climate change
	The "interactiveness" of the lectures, and really showing where the equations are coming from, and what the equations physically mean. Absolutely excellent!
	The handwritten notes and live events
	Live sessions and lecture videos were enjoyable. Going through questions in live sessions was useful.
	The links to real life and possible applications

Respondent	Response
	The environment in itself is quite topical and interesting.
Total responses to question	14/18

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

Respondent	Response
	I think having weeks 9 and 10 in the same format as the others would be useful.
	The last few weeks of material
	As mentioned before, I would do more handwritten notes rather than presenting a whole Term's material in slides.
	na
	The motivation for why we were doing certain things wasn't always clear to me. Some other modules we've done had a brief summary at the start/end of each section talking about how it was relevant to the rest of the material and recapping what we'd covered. Having this idea of the bigger picture in my head really helped me to understand the content as we were going along - and I think something similar would work quite well in this module too.
	There are few sections that I am a little confused about how they fit in to the general "narrative" of the module. e.g. the section on the absorption of light in leaves. That may just be because I need to go over those sections again though. The only other thing was that the problem sheet involved lots of looking up stuff which makes it different from the exam questions.
	The section on light and matter was not clearly structured and I felt like there were too many equations without enough examples to understand the use or point of them. I think some quantities in these equations also could have been explained better and it stood out as the weakest section. Other sections were

Respondent	Response
	very good though.
	N/A
	Reading material, use videos/lectures instead
	Textbook reading for last weeks could be presented in better way.
	especially the einstein coefficient stuff, felt like it was just listing equations which was confusing
	I found that the referencing of equations became a bit confusing at times, perhaps a reminder of what certain numbered equations were during the lectures would help with understanding and time
	It could be essential, so I'm not sure, but there are a large amount of equations that would be very hard to memorise if exams were in person.
Total responses to question	13/18

22 Any other comments:

Respondent	Response
	I liked the module overall, keep it up.
	In the problem sheet questions, I don't really like being expected to look stuff up. When I can't do a question, it means I'm never sure if it's because I've forgotten some of the material or because I'm expected to look up a quantity. It would even help if we were told which quantities we will need to look up in the question.
	Thanks, I really enjoyed this module!
	N/A
	Overall enjoyable (much better than term 1). Thank you.
Total responses to question	5/18