Survey Summary

PX280 Feedback 2022

No. of Participants	36
Total no. of students	113
Survey Started	08 Mar 2022 14:12:27 GMT
Survey Ended	04 May 2022 15:57:36 BST

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

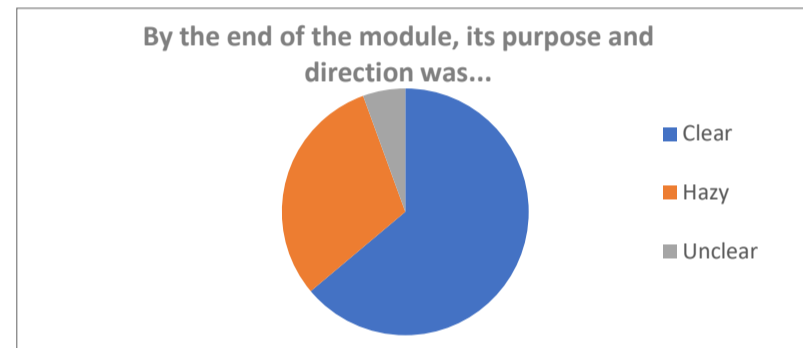| Description	Responses	%
<50%	3	8.33
50-80%	7	19.44
>80%	26	72.22
Total	**36**	
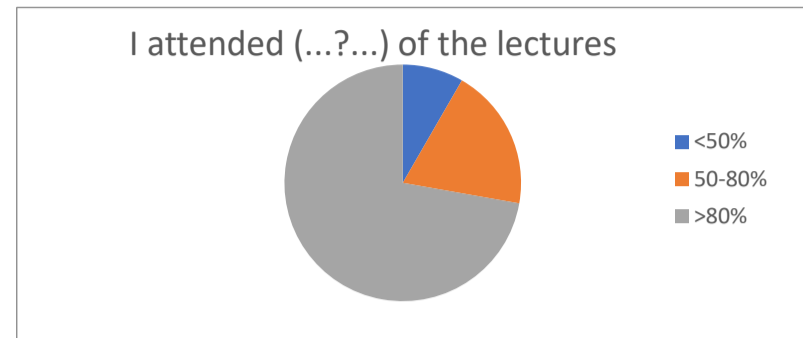
The quantity of course material was...

Description	Responses	%
About right	27	75.00
Too much	7	19.44
Too little	2	5.56
Total	**36**	
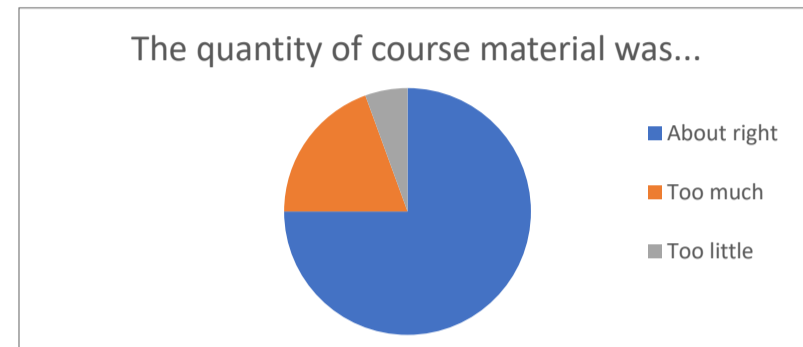
By the end of the module, its purpose and direction was...

Description	Responses	%
Clear	23	63.89
Hazy	11	30.56
Unclear	2	5.56
Total	**36**	

Explanation of new terms and concepts was...

Description	Responses	%
Good	27	75.00
Adequate	9	25.00
Poor	0	0.00
Total	**36**	
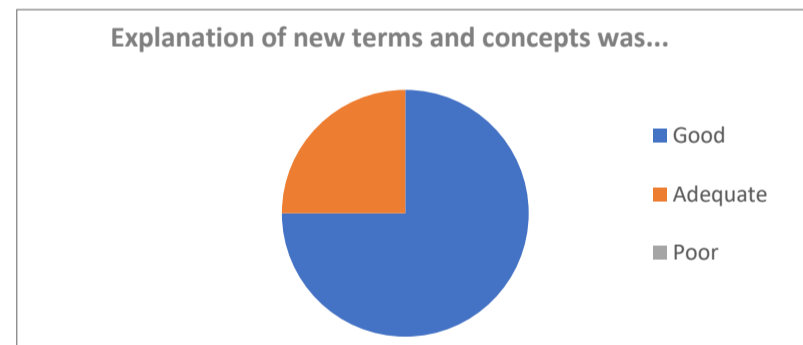
I have a (...?...) set of notes

Description	Responses	%
Good	23	63.89
Adequate	10	27.78
Poor	3	8.33
Total	**36**	
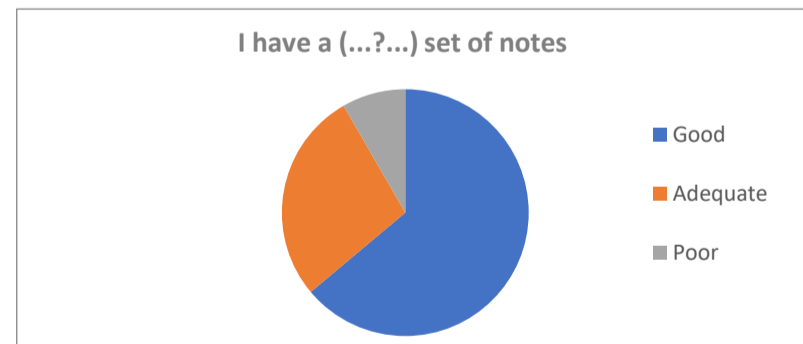
I attempted (...?...) of examples sheet questions

Description	Responses	%
<40%	28	77.78
40-50%	7	19.44
>80%	1	2.78
Total	**36**	
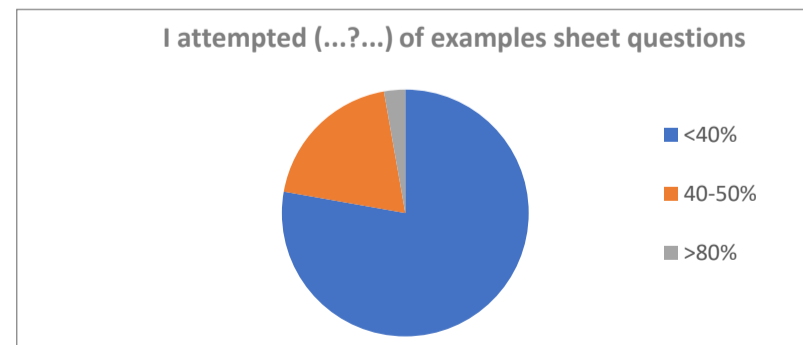
The examples questions were...

Description	Responses	%
Too easy	2	6.90
About right	23	79.31
Too difficult	4	13.79
Total	**29**	

The examples questions were...
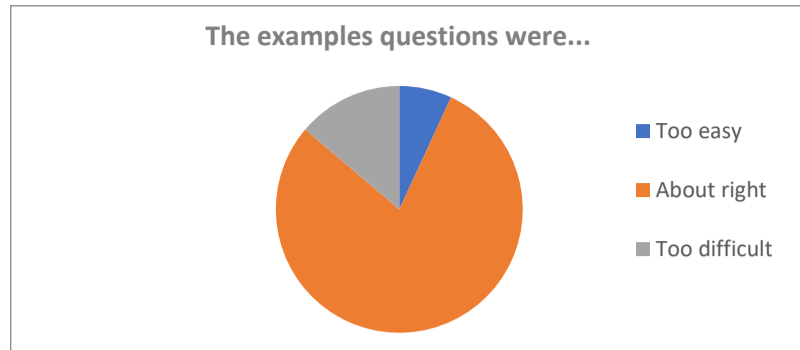
Promptness of feedback on coursework was...

Description	Responses	%
Good	11	42.31
Adequate	13	50.00
Poor	2	7.69
Total	**26**	

Promptness of feedback on coursework was...
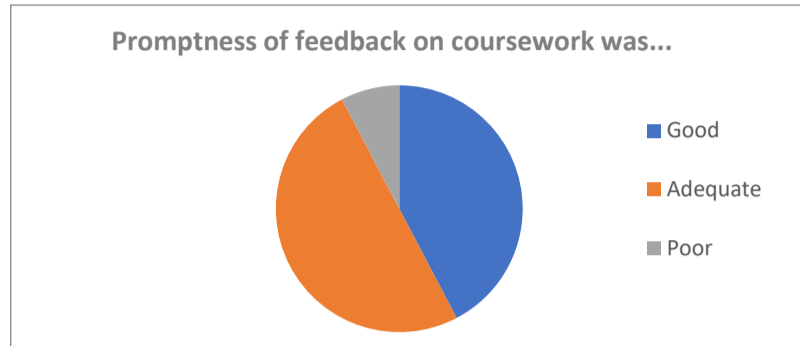
Would you like a course taking this subject further?

Description	Responses	%
Yes	18	50.00
Neutral	12	33.33
No	6	16.67
Total	**36**	

Would you like a course taking this subject further?
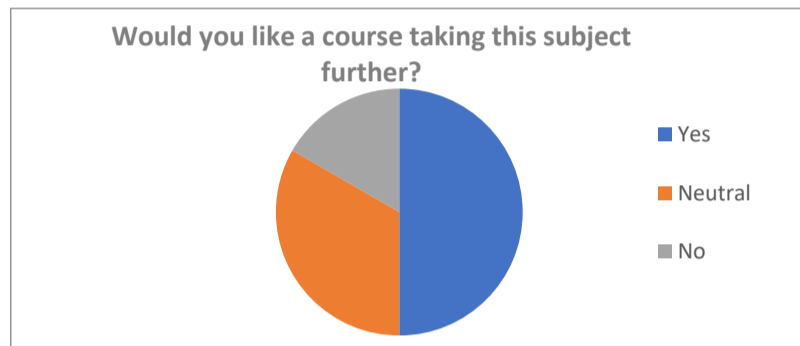
Did you use any of the recommended/suggested textbooks

Description	Responses	%
Yes - purchased	1	2.78
Yes - consulted	6	16.67
No	29	80.56
Total	**36**	

Did you use any of the recommended/suggested textbooks?
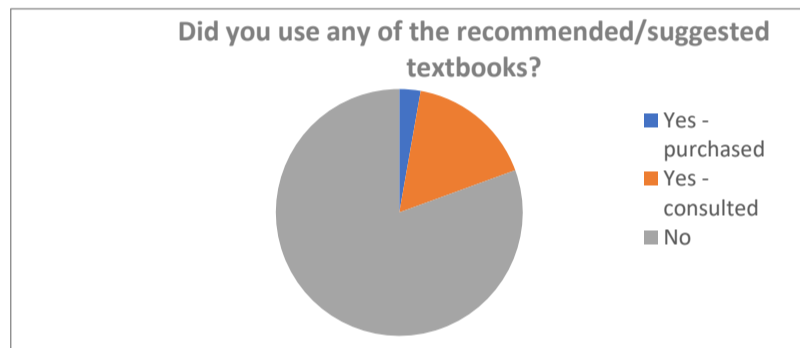
I found the textbooks used to be...

Description	Responses	%
Very helpful	2	5.71
Helpful	4	11.43
Unhelpful	0	0.00
I did not use a textbook	29	82.86
Total	**35**	

I found the textbooks used to be...
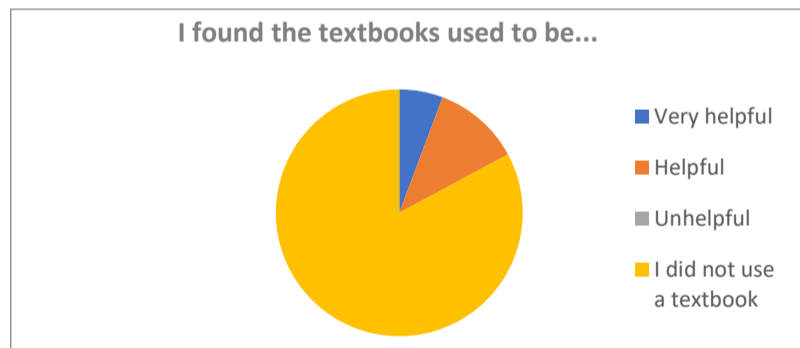
I understood the following main topics…
1. INTRODUCTION
(greenhouse effect and light absorption as a source of energy)

Description	Responses	%
In the lectures	29	80.56
After more work	6	16.67
Poorly	1	2.78
Total	**36**	

I understood the following main topics… 1. INTRODUCTION
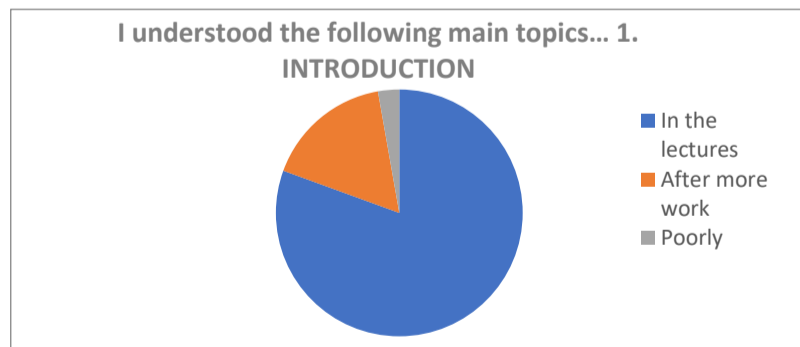
2. LIGHT AND MATTER
(Black body radiation, Einstein coefficients, Beer-Lambert Law…)

Description	Responses	%
In the lectures	22	62.86
After more work	12	34.29
Poorly	1	2.86
Total	**35**	

2. LIGHT AND MATTER
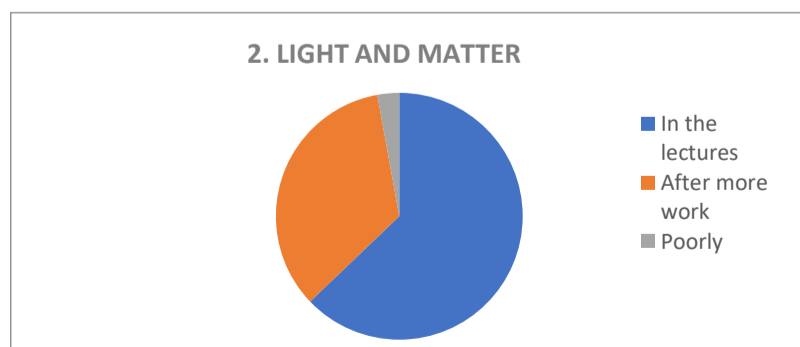
3. CLIMATE & CLIMATE CHANGE
 (Vertical structure of atmosphere, radiation balance, dynamics...)

Description	Responses	%
In the lectures	24	66.67
After more work	10	27.78
Poorly	2	5.56
Total	**36**	
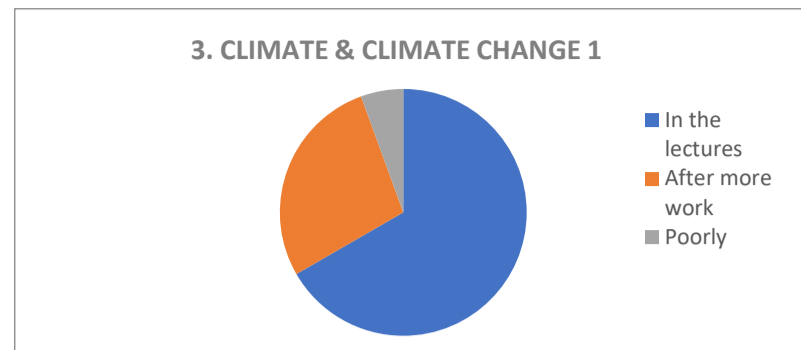
4. CLIMATE & CLIMATE CHANGE
(Forcings, feedbacks, carbon cycle, Are We Responsible?)

Description	Responses	%
In the lectures	28	77.78
After more work	7	19.44
Poorly	1	2.78
Total	**36**	
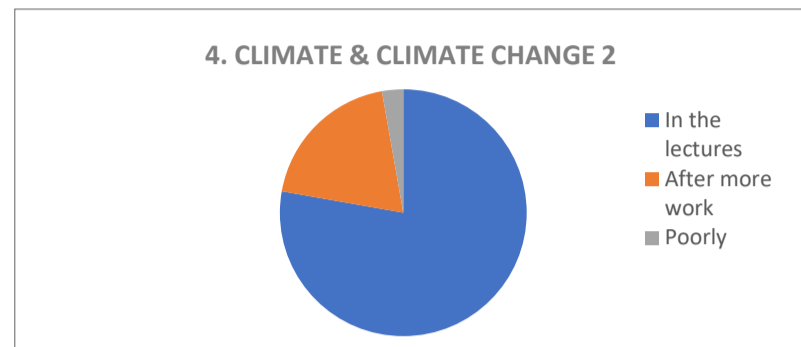
What did you think of the following methods of delivery?...
1. Notes handwritten during videos

Participants:	26

Comments:
Good, helpful

Easy to keep pace with, clearly presented
Michael's notes were clear and well written. Numbering equations definitely helps
Good, like notes & explanation
Handwriting can sometimes be unclear (but rarely illegible). It was well structured, it felt clear which parts were required to be
 remembered and which were background knowledge.
The handwritten notes were clear, and had complete explanations
Clear, made more difficult sections easier to understand. And allowed further work to be done later with a clear idea if what was done
 in the lecture.
Good
Useful and clear
Found it useful
Bit cramped and the adjustments made to equations after intially writing them down made it difficult to copy. Otherwise ok to follow.
Seems pretty comprehensive
Very good
Good
good
Needs to be more coherent
Too much writing that it wasn't clear what was important
A bit too fast but legible.
good
Poor during term 1
Good but lacked a little explanation
Good, clear and easy to follow. A good way to know that you have all the information you need in a clear way.
It works well
Good
Not enough
Handwritten notes often felt sparse, and material from the slides which could have been drawn out diagramatically I feel should have
 been integrated into the handwritten notes to improve flow, even if they would have been more poorly drawn. This and the habit of
referring to equations by number often makes the narrative thread of the lectures disjointed and more awkward to follow rather than just
 reiterating, restating or referring to previous parts by name.

2. PowerPoints presented during videos

Participants:	27

Comments:
Not really as necessary for the 2nd term but helped further the understanding
Good and clear although sometimes didn't allow adequate time to right everything down
PowerPoints were alright. Good to see clear diagrams and graphs. Enjoyed the bird videos too
Prefer in person
It is nice to have actual figures to accompany the notes. This is a nice touch when the written notes refer to this
Clear, with good quality graphs. A little harder to take good notes about the slides
Easy to understand, helped with the written notes to make things clearer
Good with the handout
Useful for examples. It would be helpful to know which graphs we need to learn
Helpful to see notes and slides at the same time
Relevant

Before printed slides they didn't really seem too important
Referenced too heavily/ would prefer the handwritten notes to be more self-contained
Very useful with diagrams
Good
good
Want more printed
Pretty decent but bit waffle
Good.
great
Bad
Too much extra content
Good addition to handwritten notes.
Also good
Mediocre
would be better supporting more detailed material rather than a primary source.
The numbered slides were typically useful at least, but should have been used much more sparingly as they require more printing on the part of the student and tend to be flow-breakers. I have no problems with the parts which were all slides since they are very graph-heavy and would be hard to implement otherwise.

3. Guided reading material

Participants: 21

Comments:
Good to further understand
N/A
Didn't use it
Ok
Didn't read any
Did not use
Would like more
Have not used this yet
Can't read
Didn't really use it too much, may use more over Easter
Did not use
Didnt use any
Good
Yes
There was reading?
Ok
Haven't read yet
Good
Unsure
neutral
N/A

The best features of this module were:

Participants: 23

Comments:
Michael pounds, Birds and Chinese. Enjoyed the content as well a bit
Bird watching
Learning content that is very relevant to everyday life(Bird of the week)
organisation and delivery of in person lectures
Engagement provided from in person style
Discussion of climate sceptics, and how one might argue against them
Can't say, I enjoyed all parts of this module equally. Thank you!
The topic, and Michael is a very good lecturer
The bird videos
Birds
Section 1 and 2 had very clear goals; related content and link-backs made it very interesting
Verbal delivery
The little interval
Content
michael pounds
Michael Pounds
I liked the term 2 nuclear section
Chernobyl
Delivery was great
The breaks in the middle of the lectures
Michael Pounds and his birds
examples and figures to support theory, helped to apply and aid description
Immediate practical looks at the data underlying a topical political issue, something which is frequently missing from physics. It was also interesting to 'pull back the curtain' on the methods current climate scientists use to model and characterise climate behaviour.

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

Participants: 17

Comments:

A typed set of notes would have been helpful

A lot of content!

Maybe a couple more worked examples, or looking at some past paper questions?

None

The same with all physics modules, it lacks context and the origin of what it is we're doing. Some things are just stated and I don't like that, I prefer deep understanding from the ground up

Maybe print the slides as a handout so people can have them with the notes

More birds please.

Section 3(Climate model, atmosphere, Climate change) could definitely be split up into more sections, as this section felt very hazy as to what the actual overarching idea was, something section 1 and 2 did not suffer from

Nope

None

maybe a problem class for the problem sheets so students feel more motivated to do it

Need coherent, centralised set of notes. Perhaps a pdf of everything you need to know.

More consise and links between lectures. I know this is a combination of modules but it felt like I was doing a new module every week.

More tangible

Slides used need more focus/link to the handwritten content better

more notes (either in lecture or provided separately)

As before: slide material which can be drawn out by hand should generally be integrated into the notes in order to improve flow. Numbering equations rather than describing and reiterating them in my opinion reduces readability, and in my opinion should be phased out. Political and socioeconomic drivers of continued greenhouse gas emissions could do with more discussion as frankly climate change itself is a political issue, and any analysis which does not account for this incomplete.

Any other comments:

Participants: 10

Comments:

The breaks midway through lectures were brilliant

Thank you

Brilliant module, you (Michael Pounds) made it interesting and entertaining despite it being a bleak/potentially boring subject. Compared to our lecturer first term, you were very very good.

The phrase "what's a minus sign between friends" needs to be used more.

Nope

No

The breaks were nice

Make problem sheets assessed so that we actually have to use them during the course

As someone with anxiety and depression, and someone who has had 2 previous years worth of live-lectured content (due to temporary withdrawal), I dislike the jabs oriented at those using lecture capture. I vastly prefer hybrid learning as it allows me to take my time to highlight and format notes properly, as well as easily revisit things I haven't quite absorbed the first time around. It is not a moral failing of mine that I am not in good enough health to come in to lectures that I do not even benefit hugely from, and I am disappointed in the stigma this seems to attract within the physics department. Most of the students I knew who were using lecture capture were not homebodies using a laptop in bed. They were engaged with their course and going to the library as if it were a 9-5 job. It is not their fault that their engagement isn't immediately visible to you.

MODULE CODE _PX2_0_   **YEAR** _2022_

Please ensure that you hand this form back to the lecturer at the end of the lecture or bring the form back to the Student Office, Room P522 (within 2 working days). Thank you.

Thank you for filling in the online survey. If you was not able to do complete the survey during today's lecture please visit the module's moodle page where you will find a link to the survey. The survey will stay open for a further week after the module ends.

We would appreciate your further written comments below.

The best features of this module were:

Lectures

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

Have Non assessed weekly quizes.

Any other comments:

MODULE CODE _PX 280_   **YEAR** _2_

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We would appreciate your further written comments below.

The best features of this module were:

- History of nuclear power plants
- Energy resources
- Climate change.

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

- Write slower (Michael Pounds)

Any other comments:

—

MODULE CODE _280_   **YEAR** _2022_

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We would appreciate your further written comments below.

The best features of this module were:

The teaching quality : very enjoyable lecturer

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

Any other comments:

MODULE CODE _PX280_   **YEAR** _21/22_

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We would appreciate your further written comments below.

The best features of this module were:

good amount of figures & examples

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

more (detailed) notes

Any other comments:

MODULE CODE PX260

YEAR 2022

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We would appreciate your further written comments below.

The best features of this module were:

- Michael Pounds
- Content uploaded to Moodle
- Engaging Lectures

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

Any other comments:

MODULE CODE PX280   **YEAR** 2

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We would appreciate your further written comments below.

The best features of this module were:

Michael Pounds
The breaks in the middle
The last few lectures where
we sit and look at graphs
and slides.

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

I don't know why we
covered the attenuation of light
through plants and why we found
out the colour of plants.
I don't see how it helped us
with climate change.

Any other comments:

MODULE CODE PX 280.

YEAR 2021-2022

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Thank you for filling in the online survey. If you was not able to do complete the survey during today's lecture please visit the module's moodle page where you will find a link to the survey. The survey will stay open for a further week after the module ends.

We would appreciate your further written comments below.

The best features of this module were:

- slides (clear and ~~is~~ helpful for understanding?)
- interesting videos during the break time.

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

Everything is nice!

Any other comments:

MODULE CODE PX 280
Environmental Phys.

YEAR 2021 - 2022.

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We would appreciate your further written comments below.

The best features of this module were:

MICHAEL POUNDS !!

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

Weekly
- Problem classes to discuss problem sheets. Would give motivation to students to attempt them and be more in touch with the module.

→ Problem sheets for term 1 since it was only the lecturer writing pages and pages of notes which was not very productive.

Any other comments:

MODULE CODE _PX280_   **YEAR** _2022_

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We would appreciate your further written comments below.

The best features of this module were:

Michael

The subject

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

Problems / Classes

Any other comments:

MODULE CODE _PX280_   YEAR _2_

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Thank you for filling in the online survey. If you was not able to do complete the survey during today's lecture please visit the module's moodle page where you will find a link to the survey. The survey will stay open for a further week after the module ends.

We would appreciate your further written comments below.

The best features of this module were:

— the content + how lectures were organised

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

~~pace of how lectu~~

pace + time of lectures

Any other comments:

MODULE CODE P< 280°   **YEAR** 2022 - Term 2

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We would appreciate your further written comments below.

The best features of this module were:

- MICHAEL POUNDS

- Birds

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

- Stop writing half of equation
- Need centralised set of notes.
  ↳ Single PDF

Any other comments:

MODULE CODE _PX280_   **YEAR** _2022_

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We would appreciate your further written comments below.

The best features of this module were:

Michael Pounds

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

No

Any other comments:

No

MODULE CODE PX260

YEAR 2022

The best features of this module were:

- Interesting content
- Right level of difficulty / workload
- Taught well

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

Any other comments:

MODULE CODE _Px 280_   **YEAR** _2021/22_

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We would appreciate your further written comments below.

The best features of this module were:

TAKING A BREAK MID-LECTURE IS A BRILLIANT WAY TO BREAK THE MATERIAL INTO EASILY DIGESTIBLE CHUNKS AND REALLY IMPROVES CONCENTRATION AND CONTENT ABSORPTION.

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

CAN'T THINK OF ANY. DEFINITELY ONE OF MY FAVORITE LECTURE MODULES.

Any other comments:

MODULE CODE 280

YEAR Term 2 2022

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Thank you for filling in the online survey. If you was not able to do complete the survey during today's lecture please visit the module's moodle page where you will find a link to the survey. The survey will stay open for a further week after the module ends.

We would appreciate your further written comments below.

The best features of this module were:

- Lectures were lively

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

- If the weeks linked, that'd be nice
- Too much content
- Too many graphs
- Examples Q don't match with text/past paper

Any other comments:

It wasn't like I hoped it would be :'(

MODULE CODE _280_ **YEAR** _2_

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Thank you for filling in the online survey. If you was not able to do complete the survey during today's lecture please visit the module's moodle page where you will find a link to the survey. The survey will stay open for a further week after the module ends.

We would appreciate your further written comments below.

The best features of this module were:

Lecturing, great pace and conssctantly

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

Didn't like the parts with global warming propaganda

Any other comments:

MODULE CODE _280_   **YEAR** _2022_

The best features of this module were:

All OF IT

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

No

Any other comments:

No

MODULE CODE PX280

YEAR 2022   year 2 student

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Thank you for filling in the online survey. If you was not able to do complete the survey during today's lecture please visit the module's moodle page where you will find a link to the survey. The survey will stay open for a further week after the module ends.

We would appreciate your further written comments below.

The best features of this module were:

Clear lectures, lots of data

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

Set of lecture notes rather than just slides.

Any other comments:

MODULE CODE _PY280_   **YEAR** _2 /2022_

The best features of this module were:

o Loved the live lectures given in the 2nd term with the breaks being helpful to keep paying attention
• Intressting topics which were engaging
o Topics well explained

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

o Might want to make the aim of the module a bit more clear.

Any other comments:

MODULE CODE _PX280_ **YEAR** _21/22_

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We would appreciate your further written comments below.

The best features of this module were:

The lectures are delivered well and are kept interesting and understandable
I always appreciate the short 5-minute breaks in the middle of each lecture.

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

The in-person lectures are slightly harder to follow online as the white-board and pointer stick aren't recorded, so it can be confusing what it is being shown.

Any other comments:

The teaching was good
I enjoyed the module so
Have a nice haiku.