Survey Summary

PX265 Feedback 2022
No. of Participants	61
Total no. of students	215
Survey Started	14 Mar 2022 19:02:08 GMT
Survey Ended	

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

Description	Responses	%
<50%	0	0.00
50-80%	9	14.75
>80%	52	85.25
Total	**61**	
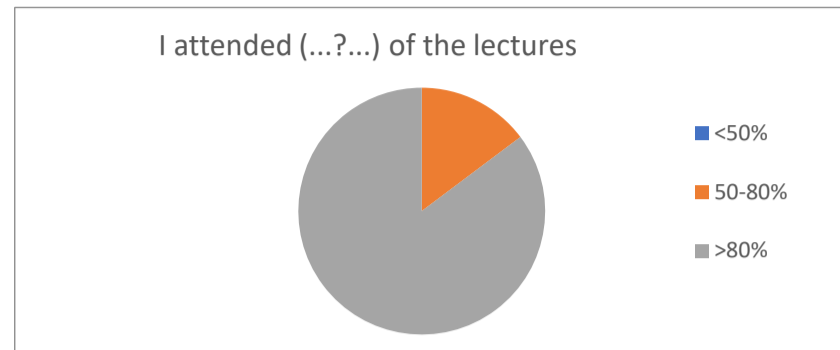
I attended (...?...) of the online Live Q&A Sessions for this module

Description	Responses	%
All	6	9.84
Most	9	14.75
Some	23	37.70
None	23	37.70
Total	**61**	
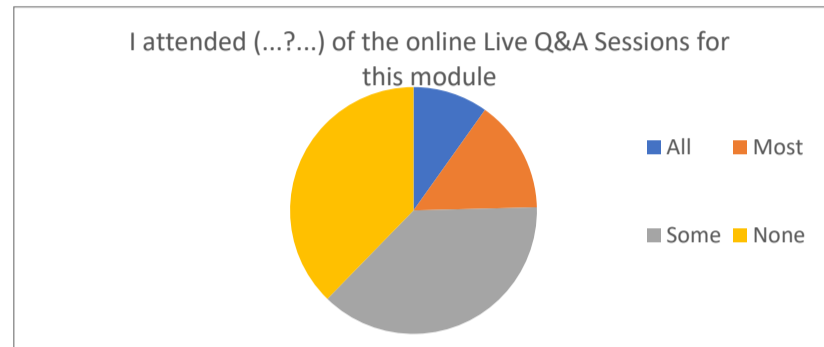
The quantity of course material was...

Description	Responses	%
About right	60	98.36
Too much	1	1.64
Too little	0	0.00
Total	**61**	
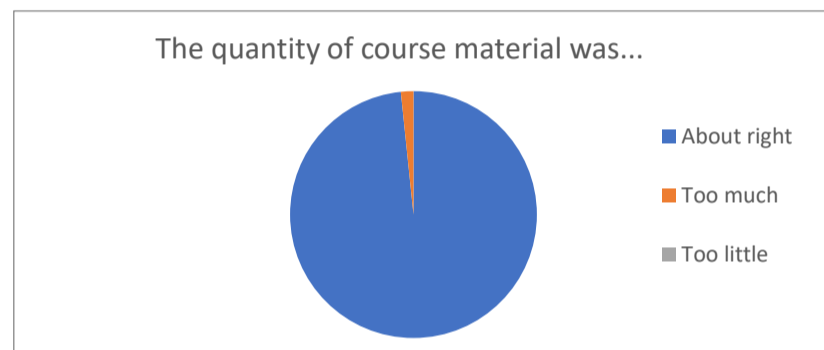
By the end of the module, its purpose and direction was...

Description	Responses	%
Clear	52	85.25
Hazy	9	14.75
Unclear	0	0.00
Total	**61**	
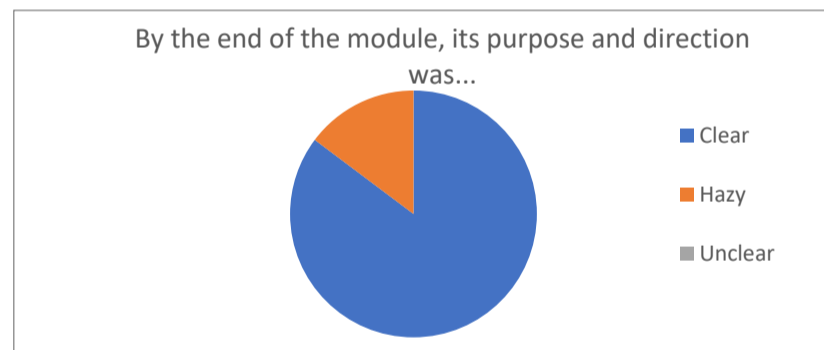
Explanation of new terms and concepts was...

Description	Responses	%
Good	61	100.00
Adequate	0	0.00
Poor	0	0.00
Total	**61**	
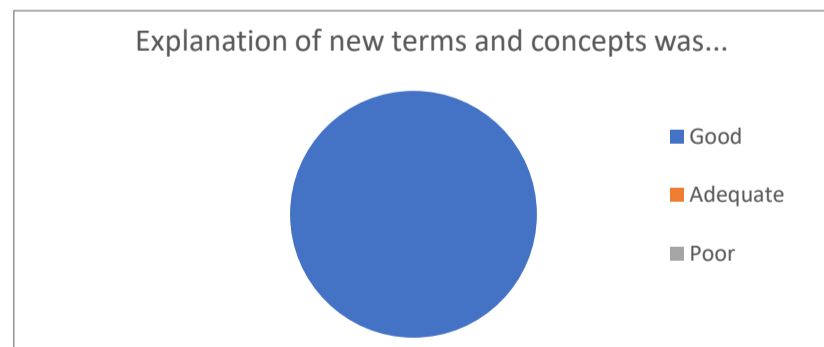
I have a (...?...) set of notes

Description	Responses	%
Good	56	91.80
Adequate	5	8.20
Poor	0	0.00
Total	**61**	
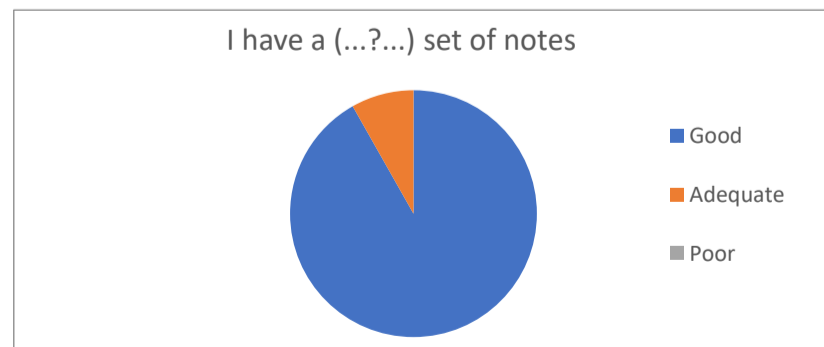
I attempted (...?...) of examples sheet questions

Description	Responses	%
<40%	26	42.62
40-50%	26	42.62
>80%	9	14.75
Total	**61**	

I attempted (...?...) of examples sheet questions
- <40%
- 40-50%
- >80%
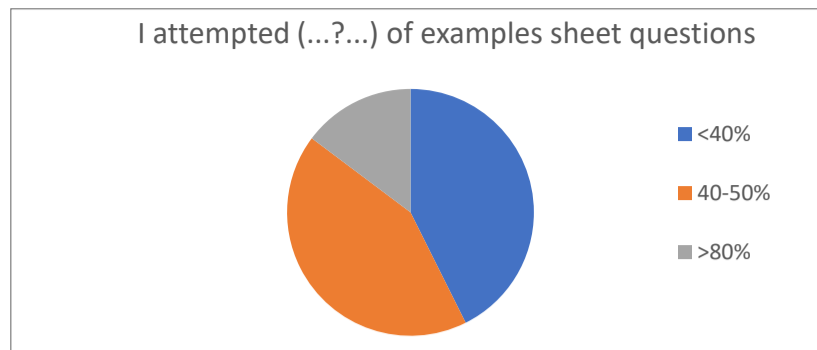
The examples questions were...

Description	Responses	%
Too easy	0	0.00
About right	54	96.43
Too difficult	2	3.57
Total	**56**	

The examples questions were...
- Too easy
- About right
- Too difficult
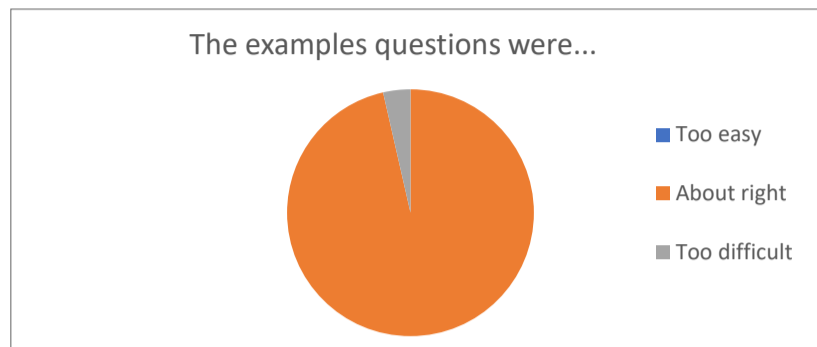
Promptness of feedback on coursework was...

Description	Responses	%
Good	47	78.33
Adequate	13	21.67
Poor	0	0.00
Total	**60**	

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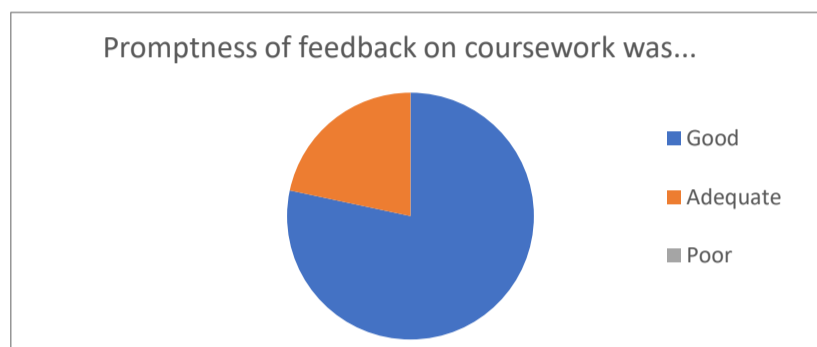
Would you like a course taking this subject further?

Description	Responses	%
Yes	34	55.74
Neutral	27	44.26
No	0	0.00
Total	**61**	

Would you like a course taking this subject further?
- Yes
- Neutral
- No

Did you use any of the recommended/suggested textbooks

Description	Responses	%
Yes - purchased	2	3.28
Yes - consulted	9	14.75
No	50	81.97
Total	**61**	

Did you use any of the recommended/suggested textbooks
- Yes - purchased
- Yes - consulted
- No
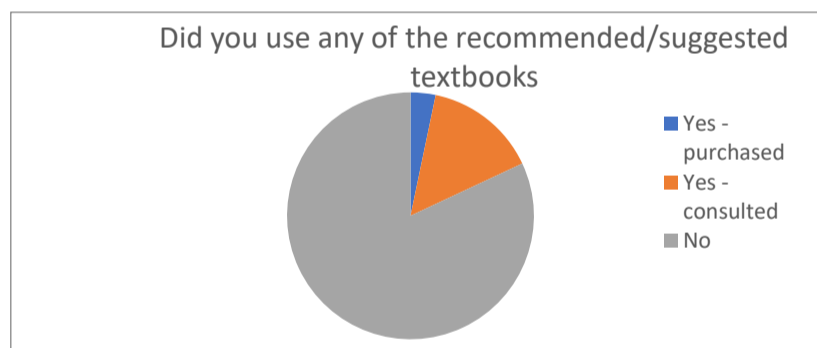
I found the textbooks used to be...

Description	Responses	%
Very helpful	2	3.33
Helpful	8	13.33
Unhelpful	1	1.67
I did not use a textbook	49	81.67
Total	**60**	

I found the textbooks used to be...
- Very helpful
- Helpful
- Unhelpful
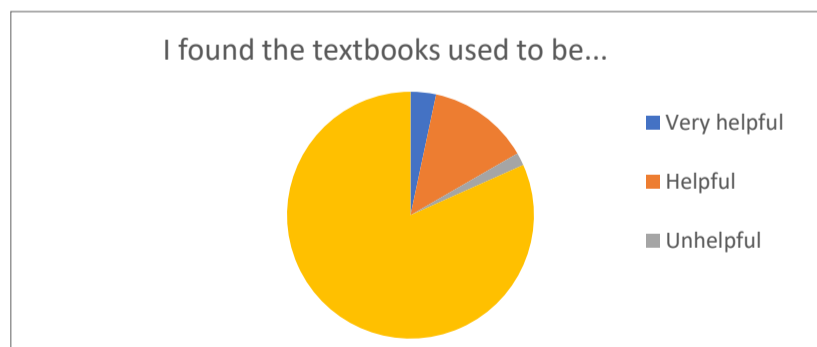
I understood the following main topics...1. Microstates and macrostates

Description	Responses	%
In the lectures	55	90.16
After more work	6	9.84
Poorly	0	0.00
Total	**61**	

1. Microstates and macrostates
- In the lectures
- After more work
- Poorly
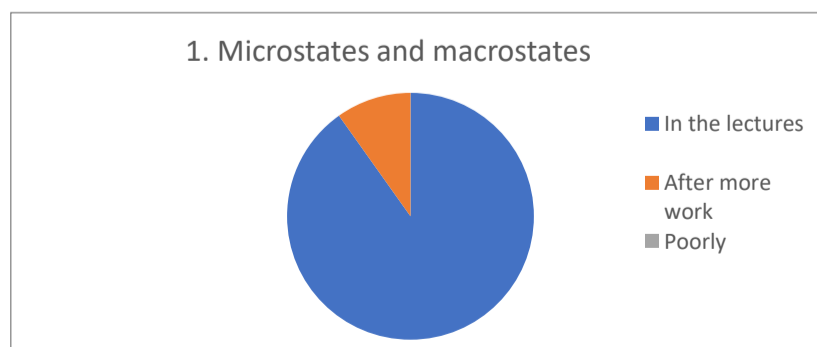
2. Partition functions and the Boltzmann distribution

Description	Responses	%
In the lectures	46	75.41
After more work	15	24.59
Poorly	0	0.00
Total	**61**	

2. Partition functions and the Boltzmann distribution

- In the lectures
- After more work
- Poorly
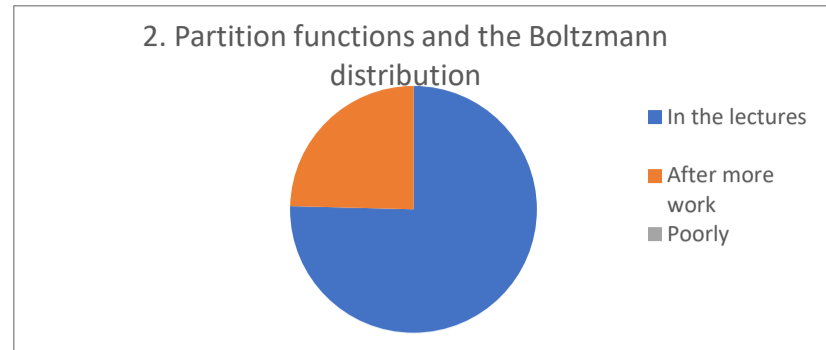
3. Relation between entropy and disorder

Description	Responses	%
In the lectures	36	59.02
After more work	25	40.98
Poorly	0	0.00
Total	**61**	

3. Relation between entropy and disorder

- In the lectures
- After more work
- Poorly
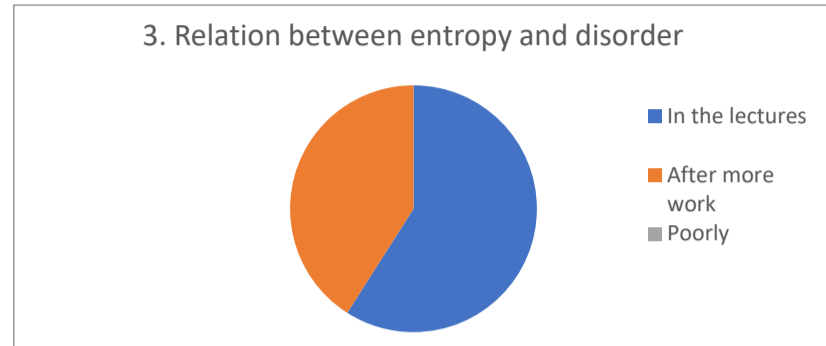
4. Distinguishability and density of states

Description	Responses	%
In the lectures	26	43.33
After more work	34	56.67
Poorly	0	0.00
Total	**60**	

4. Distinguishability and density of states

- In the lectures
- After more work
- Poorly
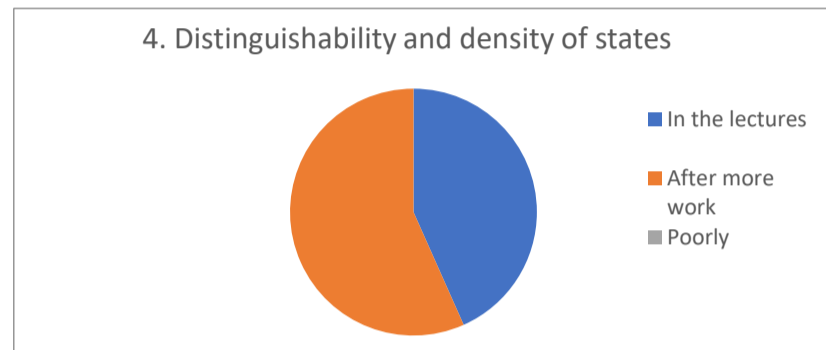
5. Photon and phonon gases

Description	Responses	%
In the lectures	24	39.34
After more work	37	60.66
Poorly	0	0.00
Total	**61**	

5. Photon and phonon gases

- In the lectures
- After more work
- Poorly
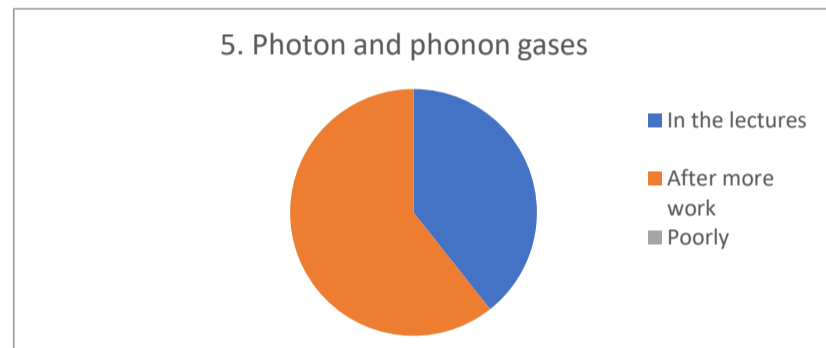
6. Distribution functions for fermions and bosons

Description	Responses	%
In the lectures	31	50.82
After more work	30	49.18
Poorly	0	0.00
Total	**61**	

6. Distribution functions for fermions and bosons

- In the lectures
- After more work
- Poorly
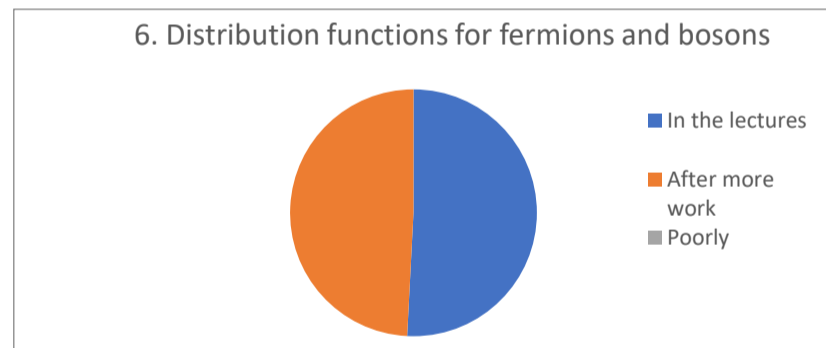
The best features of this module were:

Participants: 36

Comments

The powerpoints were very good

The content was kept interesting and clear. It was easy to tell which parts were background knowledge and which was examinable.

The explanation and lecture quality

PowerPoints

The joke in each lecture

Good lecturer and links to other modules

Lecturer was engaging and recap at the start of each lecture was very helpful

Good content that was well taught

the lecturer

Very clearly explained lectures

Paul Goddard is a great lecturer.Focus on one (flexible) concept being used to explain many phenomena.

How the module sort of built up itself from nothing

The jokes

Inclusion of the history and discovery of certain aspects of the course. We love Boltzmann.

The lecturing style. Concise and clear lecturing.

very clear and exciting progression to tackling more and more complex systems

Quality of lectures and online resources

Lecturer was amazing!!

Lectures were very engaging and well done

Lecturer explanation super clear

Paul Goddard

handout notes and in lecture notes

Boson and Bose-Einstein distribution

Paul was a great lecturer, made the content interesting and engaging

the lectures were all very interesting, and the concepts were made clear.the q and a sessions going through practise questions were very helpful.

Paul

Have Slides with images and graphs in lectures to make it more interesting.Description of Fermi Energy was easy to understand. Used mathematical proofs for explaining things.

Engaging lectures with terms and concepts explained in a clear way with fun examples. Enjoyed recap at beginning of each lecture.

Explained very well. At some points clarified material from Quantum lectures.

Paul! Such an amazing lecturer, made everything seem so simple and interesting

The lecturer

The lecturer was amazing, 10/10, the best of the whole year. He explained everything clear, concise and in a fun way using everyday examples. Also, he explains everything you need to use to understand this module, so no previous knowledge is required.

The Jokes

Good lecturer with good solid explanations, backed up with example papers, research, images and history. One of the few modules in physics that actually gives you something to think about and gives explanations behind things.

Well-explained during the lectures, and the typed notes complemented learning during the lectures as well. (I also liked the advertisements for each next lecture!)

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

Participants: 10

Comments:

I would like a full set of typed lecture notes

Massive number of equations, some are fine(distribution like Dirac fermi, partition function, density of states) but way more that should likely be given in an exam question

Maybe some of the problem sheets are assessed to help keep us with the content

No

uploading lecture notes quicker - it made sense to wait for a topic to be complete then publish but still. results from moodle quiz to be as soon as we complete the test like with QM

Pronounce Einstein Einshtein

It would be easier if chemical potential was defined earlier in the module as it is a concept used in both QM and this module but wasn't properly explained until about week 6/7

not really

N/a

Any other comments:

Participants: 4

Comments:

N/A

V.good module all round

(this was my favourite module this year) I know that there weren't many people in the live sessions, I personally didn't like to attend them live, because I hadn't had time to do the practise questions applicable for each live session when they went out. Now I have done the questions and the live sessions, and both were very useful.

MODULE CODE PX 265

YEAR 2

Thank you for filling in the online survey. If you was not able to 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:

When Paul brought in a box of pennies and thought someone might mug him for them

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

—

Any other comments:

—

MODULE CODE PX265

YEAR 2021 - 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 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:

- Some useful diagrams and figures which make the some concepts and explanation more clear.

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

Everything is good!

Any other comments: