




Responses: 4





## 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%	 75%	3
50-80%	 25%	1
Total responses to question	 100%	4/4




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

Response	Average	Total
All	 33%	1
Most	 33%	1
None	 33%	1
Total responses to question	 75%	3/4

3 The quantity of material was...




Response	Average	Total
About right	 50%	2
Too great	 50%	2
Total responses to question	 100%	4/4

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




Response	Average	Total
Hazy	 75%	3
Unclear	 25%	1
Total responses to question	 100%	4/4

5 Explanation of new terms and concepts was...




[At](#)

Response	Average	Total
Adequate	 25%	1
Poor	 75%	3
Total responses to question	 100%	4/4



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

Response	Average	Total
Good	 33%	1
Adequate	 67%	2
Total responses to question	 75%	3/4



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

Response	Average	Total
<40%	 25%	1
>80%	 75%	3
Total responses to question	 100%	4/4



8 The examples sheet questions were...


Response	Average	Total
About Right	 100%	3
Total responses to question	 75%	3/4

9 Promptness of feedback on submitted coursework was...



Response	Average	Total
Good	 100%	1
Total responses to question	 25%	1/4

10 Would you like a course taking this subject further ?




Response	Average	Total
Yes	 75%	3
Neutral	 25%	1

Response	Average	Total
Total responses to question	 100%	4/4

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




Response	Average	Total
Yes - consulted	 100%	4
Total responses to question	 100%	4/4

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




Response	Average	Total
Very Helpful	 50%	2
Helpful	 50%	2
Total responses to question	 100%	4/4

I understood the following main topics



13 The gauge principle

Response	Average	Total
First time through online lectures or notes	 50%	2
After more work	 50%	2
Total responses to question	 100%	4/4

14 Hamiltonian/Lagrange formulation



Response	Average	Total
First time through online lectures or notes	 50%	2
After more work	 50%	2
Total responses to question	 100%	4/4

15 Quantum field theory



Response	Average	Total
First time through online lectures or notes	 25%	1
After more work	 75%	3

Response	Average	Total
Total responses to question	 100%	4/4




16 Interacting fields and QED

Response	Average	Total
After more work	 100%	4
Total responses to question	 100%	4/4

17 Feynman rules and diagrams

Response	Average	Total
After more work	 100%	4
Total responses to question	 100%	4/4

18 Non-abelian gauge theories

Response	Average	Total
After more work	 75%	3
Poorly	 25%	1
Total responses to question	 100%	4/4

19 The best features of this module were:

Respondent	Response
	The notes are excellently constructed, the material is fascinating and deep. It is probably the most interesting and powerful theoretical module offered at Warwick. I wish there were more modules of this variety.
	Interesting topic, lecturer was responsive to questions. Exam Qs were very insightful.
Total responses to question	2/4

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

Respondent	Response
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**Respondent****Response**

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I think this module has a flaw in how far it reaches. It is elegantly constructed and I can admire that. My issue is that the inclusion of non-abelian gauge symmetries and electroweak theory means that students can't really study much about it outside of the module, as everything but the notes relies on deep knowledge of QFT and renormalisation. Instead of jumping ahead without the solid theoretical underpinnings, It would make more sense in my opinion to take the module up to the end of part 3 of A&H vol 1 (or make it 15 CATS and finish off vol 1).

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The lectures wouldn't often review the big picture, but expected you to understand it. For example, we went though deriving Feynman rules in lots of detail. Whilst there was a summary, it just listed terms associated with certain parts of the diagrams. It would have been more helpful to have a brief review of what each of the concepts meant and how it was derived. This would have made the transition to beyond QED earlier. In a similar vein, would like to have seen a generalised picture for our theory. Each time we had some type of scalar field, a symmetry and a Lagrangian which we put together but as so much time was spent on nitty gritty calculations sometimes the big picture was lost.

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The module leader literally just used the previous module leader's recordings and didn't even make his own. The way I learnt the module was writing long lecture notes which was not at all a good way of teaching something, it was just a matter of remembering. It was a module I was looking forward to, but certain concepts were just stated without even going into detail where they had gotten it from. It felt that there was very little effort in teaching this module.

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Total  
responses to  
question

3/4

21 Any other comments:

No responses for this question.