
Course Report AS7009 HT16

Respondents: 1
Answer Count: 1
Answer Frequency: 100.00 %

. Teacher

Teacher

Jesper Sollerman

. Number of students who took the exam

Number of students who took the exam

10

. Number of students who passed the course

Number of students who passed the course

8

. Description of changes since the previous time the course was given.

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This was the first time I gave the course. I mostly followed the plan of garrelt, but removed some parts since I felt there was quite a lot to do already. (I removed the misconception seminar).

. What are the course's strong points according to the students (summary based on the numerical results as well as their free text answers)

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My impression, and from the evaluations, was that they overall liked the course. The average grade on overall impression was 4.125.

One student said:

"Fascinating course that very well summarizes the evolution from Big Bang to present time and beyond. Quite easy mathematics and possible for many people to manage.

Also the presentation we all made were interesting and worthwhile. I suggest you continue with them. I have done this in another course and frankly then it didn't work at all. "

another comment

"A great subject, a fantastic teacher and interesting activities were positive aspects."

. What are the course's weak points according to the students (summary based on the numerical results as well as their free text answers)

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Some felt it was not deep enough and should include more of GR and structure formation.

. The teacher's analysis of the course

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Barbara Rydens book is easy to follow. Exercises are quite good for the parts dealing with dynamical evolution of the universe, whereas some other parts (like inflation) is less suited for actual calculations.

. Conclusions as well as suggestions for improvements

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One student said

"Not sure if I like the electronic "white board". Maybe I'm too old fashioned? The risk is that there will be "just copies of pages from the book" shown with some comments given at the lesson. Maybe a combination with a "normal white board" will work better.

"

and I agree that this did not work out well from a technical side.

Next year we will use the updated version of the course book. This was long overdue.
