

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Going in depth about black holes, string theory, ~~theories~~ ~~and~~ and various other topics not covered during lecture.

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

I ~~was~~ liked learning about a lot of concepts that was not covered in lecture and it gave me an ~~opportunity~~ ~~of~~ opportunity to learn about modern theories in astronomy.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

More about black holes? Though I ~~think I probably~~ feel like you ~~probably~~ probably said everything about it.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Jack did a great job making the most interesting and abstract concepts about things such as black holes and other dimensions very understandable and more interesting.

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

A lot of the time it covered interesting topics that weren't touched upon in lecture. It was also nice to freely learn interesting astronomy topics w/o worrying about being tested on it.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

1. Black holes
2. Dark matter
3. Edges of the observable universe

1) Are you more or less interested in astronomy after attending this section? (circle one)

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The deep discussions of evidence of black holes and other dimensions. This is especially true for evidence from outside of class

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

I would have loved more visuals and demonstrations would have been helpful.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

Life in space

~~DIM~~ Planets way outside of our solar system.

→ e.g. Goldilocks planet

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Black holes, theories on Dark Matter, the End of the Universe, Life on other planets

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

Enjoyed discussing concepts from outside of class.
However, I think more emphasis on test prep would be beneficial.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

Exoplanets, String Theory, Einstein's theory

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

- 1) Black holes
- 2) spacetime
- 3) Laws of Relativity
- 4) Birth and death of stars

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

It didn't just reiterate what was learned in lecture, and was constructive when learning about triaxial concepts. Also, the "fun-fact" additions (paradoxes, etc) were very cool.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

- Nothing! Learned a lot that I didn't even know I was interested in.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

- Lots of theories that can't be explained w/ basic astronomy knowledge that are super interesting
- Always new research coming out that makes it an interesting evolving field
 - ↳ Examples: New discoveries on Mars
 - Unknown info about string theory, etc.
 - Incomplete understanding of black holes

3) Was section worth your time? (circle one) yes, in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

- In the first section, we voted on and discussed which objectives we wanted to fulfill in section. It'd be nice to have a second vote midway through the semester or change to be more review-centered when people were confused.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

I'm happy with what we learned! Good mix of intro topics & complicated ones.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

String theory, black holes → basically things that were touched upon in lecture were better explained in Section.

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

I talked about parts of Astronomy that were interesting but not particularly relevant to the class. While this was interesting, maybe talking more about class material might have been better.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

String theory, multiverses

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Jack showed several videos and ideas about the universe. This seemed quite interesting.

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

I think it would have been more helpful if we reviewed some ~~of~~ main points covered in lectures.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

planets

earth.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Some of the section was more advanced than required for the course, and caused me to feel less interested in astro. Although, sometimes sections were about really cool astro topics.

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

I wish ~~astro~~ section was more focused on reviewing lecture & homework.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Time dilatation, dark matter, black hole, relativity, string theory

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

I really enjoyed section. We talked about alot of interesting concepts and went over what we had read about / learned in lecture.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

cosmology
black holes
relativity

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Gravity, Special Relativity, Extra terrestrial (Life, String Theory)

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

We covered different concepts that weren't covered in lecture. Loved it

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

Extra terrestrial life. That's not really astronomy though.
I was pretty happy with what we covered.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

This section didn't just cover things we learned in class, but new theories and ideas about the universe that haven't been proven, but are still really interesting to think about

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

I like that it went so in-depth, but sometimes what we were doing was so far out of the scope of the course, things that ~~we~~ got confusing, like the math involved.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

Exoplanets: characteristics, not just detection of them
Characteristics of the planets in the Solar system.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Black hole and relativity

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

Clarifying questions and telling us about interesting topics.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

Constellations and learning more specific planets and stars.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

- More interested in mysteries of universe, black holes, string theory

- Not very interested in its history

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

I think your emphasis on future developments and cutting-edge, new things was the best part of section. It was fun to ponder the paradoxes.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

String theory > wormholes > black holes >
history (cos 103, etc)

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Black Holes

EXO planets / search for life

relativity

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

MORE prep for exams / hw's. Chris did a really good

job getting you interested but sometimes felt

lost w/ hw + exam questions.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

Search for life, habitable planets.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

→ Black hole (I felt like we had learned enough about it but everyone's interested in it, but if we had to learn more that required complicated math)
→ Special Relativity → Star evolution → find distant stars

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Talking about everything really,
String theory, redliting, black holes
modern interesting questions

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

learning about interesting things
outside class. If we had specific questions
we covered them, but if we didn't instead
of ~~the~~ reviewing, we expanded our knowledge.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

String Theory and relativity more than
blackholes.

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Discussions on black holes and string theory were very interesting and thought provoking

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

Very interesting discussions/lectures. I enjoyed how we focused on more interesting topics rather than what was just required material from the course. This was the only section I came to every single week, I really enjoyed it.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

multiverse theory, exoplanets,

Section Evaluations Section

T.A.: Jack Madden

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Expanding on topics that were briefly brought up in class - ie. light, black holes, string theory

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

Section was very interesting. I learned/reviewed a lot more physics than I thought I would, which was good. To improve, maybe ask students if they have questions about HW when it is handed back.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

Star formation, Supernovae, dark matter, relativity

Section Evaluations Section

T.A.: Jack Madden

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

A lot of the stuff we discussed in section was really interesting as well as some of the more "out-there" topics like shape of space and quires w/ light/relativity. Other times the discussions in section were far more interesting than those in class.

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

Interesting discussions and Jack knew his stuff. Learned more from section (extraneous topics) than through lecture.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

wish we talked more about relativity and delved into deeper math/physics.

Section Evaluations Section

T.A.: Jack Madden

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

I enjoyed learning about actual features of the universe the most rather than the math behind them, i.e. the life of stars and black holes.

3) Was section worth your time? (circle one)

yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

Some sections dragged on a little bit when it was just review of concepts on the board. I enjoyed videos and interactive activities such as when we observed the spectra of different elements the most.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

- Possibilities of life on other planets
- Dark matter
- Space travel + potential future explorations

Section Evaluations Section

T.A.: Jack Madden

1) Are you more or less interested in astronomy after attending this section? (circle one)

more neither less

2) Elaborate on the ideas that caused you to be more or less interested

Black holes, multiverse → mind blowing theories about ~~things~~ space gives a lot of perspective and it was a very eye opening and gratifying course.

3) Was section worth your time? (circle one) yes in-between no

4) Elaborate on what made it worth your time or what made it not worth your time. If it wasn't (sorry!!) give me some suggestions about how I could have made it worth your time.

I enjoyed talking about things not necessarily about the class or things we would be tested on, more about theories and ~~the~~ possibilities of distant life.

5) In order of preference list the subjects in general astronomy you wish you had learned more about.

- Black holes
- ~~the~~ possibility of extraterrestrial life
- future of space travel