

Student Self Evaluation and Explanation of Grade

200 points possible

Planet Holloway Physics

Objective: Reflect upon your performance in physics and justify what grade you deserve in each category.

Procedures: Carefully reflect and analyze your effort and performance in each category. Give a score for that category and write a one or two paragraph response to justify that score. Be sure to include concrete examples as well as an overall description for that category. Be honest and fair. Consider your growth from the first day of class to right now.

Scoring: Scores for each category are out of 20 points and will be ranked as follows:

18-20 = A (exceptional)

16-17 = B (very good)

14-15 = C (satisfactory, but nothing special)

11-13 = D (less than satisfactory, but still I tried)

10 = Epic fail

0 = Did not even attempt

Categories:

Homework

Consider the following in assessing your score:

- All homework completed
- On time
- neat
- correct

Tests

Consider the following in assessing your score:

- scores – did you always get A's
- improvement – did your scores improve with time (especially the ap review tests)
- pacing – are you faster than the beginning of the semester
- test corrections all done in a timely manner and with the intent to fully understand the material

Projects

Consider the following in assessing your score:

- execution – did the project work really well
- involvement – did you take an active roll in all aspects of the project or let others do more of the work
- ideas – did you contribute to the planning and creation of the ideas you selected for the project

- write up – did you have an integral part in the write ups
- performance – did you bring the group up or down by your contributions

Labs

Consider the following in assessing your score:

- execution – accurate measurements made, calculations double checked, repeated trials
- attitude – considered lab a learning experience as opposed to a chance to play or have a day off
- teamwork – was integral part of the lab team, not just a secretary or timer
- write up – did your share of the write ups, proof read for mistakes if someone else did the write up

Class participation

Consider the following in assessing your score:

- Asked *appropriate* questions during class
- Listened to all response to questions asked
- did classwork with others at table when appropriate
- Made comments/suggestions about concepts being discussed
- Was not engaged in distracting behavior
- Did not have to be asked twice for any change in behavior
- Did not sit in class and remain silent entire semester, but actively engaged others/teacher during class

Tutoring/getting tutored

Consider the following in assessing your score:

- explained concepts/solution methods to others
- did not share answers without explanation
- found help when struggling on a particular problem/concept
- came in for lunchtime help
- aided other students outside of class
- met in a study group

Studying

Consider the following in assessing your score:

- studied diligently before every test
- purchased (and used) study guide
- used online support
- read chapters before lecture as instructed
- read at all
- memorized formulas early

Content mastery

Consider the following in assessing your score:

- how much physics did you learn
- what score do you expect on the AP exam

- does your knowledge of physics stop at chapter tests
- can you discuss what you have learned with others
- can you explain phenomenon that you see happening in real life

Communication

Consider the following in assessing your score:

- are you physics literate
- do you know why there is “zero g” and can explain it using the idea that gravity extends forever
- do you use terminology appropriately when speaking and writing
- do you understand why math is the language of physics
- can you draw a picture or a graph to explain a concept

Honesty

- did you resist the temptation to cheat even though you could have
- did you ever point out a grading mistake not in your favor
- did you ever cheat on homework
- did you ever cheat on a test
- did you ever help someone cheat or allow them to cheat off you
- did you make up lab data
- did you fake any references
- did you honestly evaluate yourself on this assessment

Remember to give concrete examples and to thoroughly explain why you deserve the grade you selected (unless it is a 10 or 0, enough said). In one paragraph, try to paint a picture of your abilities in that category. In the second paragraph, site one particular instance where you think that score is clearly deserved and explain why in detail.

Many colleges are using this approach, especially at graduate level, to better understand and convey what their students have accomplished while at their institution. For example, during my masters’ program at CSUN, I had to present a reflective essay, examples of work and analysis of how I would adapt what I learned into my career for each of the program’s core goals. These can be found on my website.

Overall

- calculate your total score out of 200 and list points and percentage
- comment on whether you believe this is a fair reflection of you as a student
- would you have performed better without the test corrections safety net
- what does this tell you about your effectiveness as a student
- if you are a junior, how will you change your habits for AP physics 2 next year
- if you are a senior, how will you change your habits for college and beyond