| **Course:** | 15PHYS2001L 020 - COLLEGE PHYS LAB I | **Department:** | 15PHYS |
|---|---|---|---|
| **Responsible Faculty:** | Larry Bortner | **Responses / Expected:** | 15 / 22 (68.18%) |
| **Faculty:** | **Divyang Soni** | | |

| Physics Laboratory Course Survey / Laboratory Course Survey | | Divyang Soni | | | | | | | | | | | | | | --- Survey Comparisons --- | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Responses** | | | | | **Individual** | | | | | | | | | **15PHYS** | | | | **All** | | | |
| | | SA | A | SA | D | SD | N | Mean | Grp Med | Med. | Mode | Low | High | Std Dev | | N | Mean | Grp Med | Pct Rnk | N | Mean | Grp Med | Pct Rnk |
| Q1 | My Lab TA displays a clear understanding of course topics. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | **4.9** | 5 | 5 | 4 | 5 | .40 | | **819** | **4.4** | **4.6** | 82 | **819** | **4.4** | **4.6** | 82 |
| Q2 | My Lab TA communicates clearly with the students. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | **4.9** | 5 | 5 | 4 | 5 | .40 | | **818** | **4.1** | **4.5** | 82 | **818** | **4.1** | **4.5** | 82 |
| Q3 | My Lab TA seems well prepared for class. | 11 | 4 | 0 | 0 | 0 | 15 | 4.7 | **4.8** | 5 | 5 | 4 | 5 | .44 | | **815** | **4.3** | **4.6** | 82 | **815** | **4.3** | **4.6** | 82 |
| Q4 | My Lab TA never misses a class without some alternative arrangement | 2 | 3 | 5 | 5 | 0 | 15 | 3.1 | **3.0** | 3 | 2,3 | 2 | 5 | 1.02 | | **817** | **4.6** | **4.8** | 3 | **817** | **4.6** | **4.8** | 3 |
| Q5 | My Lab TA arrives on time. | 8 | 6 | 1 | 0 | 0 | 15 | 4.5 | **4.6** | 5 | 5 | 3 | 5 | .62 | | **816** | **4.4** | **4.7** | 42 | **816** | **4.4** | **4.7** | 42 |
| Q6 | My Lab TA is actively helpful when students have problems. | 11 | 4 | 0 | 0 | 0 | 15 | 4.7 | **4.8** | 5 | 5 | 4 | 5 | .44 | | **814** | **4.3** | **4.7** | 77 | **814** | **4.3** | **4.7** | 77 |
| Q7 | My Lab TA welcomes questions or comments from the students. | 12 | 2 | 0 | 0 | 0 | 14 | 4.9 | **4.9** | 5 | 5 | 4 | 5 | .35 | | **816** | **4.4** | **4.7** | 84 | **816** | **4.4** | **4.7** | 84 |
| Q8 | My Lab TA explains difficult material clearly. | 9 | 4 | 2 | 0 | 0 | 15 | 4.5 | **4.7** | 5 | 5 | 3 | 5 | .72 | | **813** | **4.1** | **4.4** | 71 | **813** | **4.1** | **4.4** | 71 |
| Q9 | My Lab TA is willing to explain any material more than once. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | **4.9** | 5 | 5 | 4 | 5 | .40 | | **814** | **4.4** | **4.6** | 84 | **814** | **4.4** | **4.6** | 84 |
| Q10 | My Lab TA recognizes when some students fail to comprehend. | 8 | 7 | 0 | 0 | 0 | 15 | 4.5 | **4.6** | 5 | 5 | 4 | 5 | .50 | | **812** | **4.1** | **4.4** | 74 | **812** | **4.1** | **4.4** | 74 |
| Q11 | My Lab TA appears to grasp quickly what a student is saying. | 9 | 5 | 1 | 0 | 0 | 15 | 4.5 | **4.7** | 5 | 5 | 3 | 5 | .62 | | **815** | **4.1** | **4.3** | 75 | **815** | **4.1** | **4.3** | 75 |
| Q12 | My Lab TA encourages participation of all group members when students work in groups. | 9 | 6 | 0 | 0 | 0 | 15 | 4.6 | **4.7** | 5 | 5 | 4 | 5 | .49 | | **815** | **4.3** | **4.5** | 79 | **815** | **4.3** | **4.5** | 79 |
| Q13 | My Lab TA skillfully evokes student responses. | 7 | 6 | 1 | 0 | 0 | 14 | 4.4 | **4.5** | 4.5 | 5 | 3 | 5 | .62 | | **809** | **4.1** | **4.3** | 74 | **809** | **4.1** | **4.3** | 74 |
| Q14 | My Lab TA stimulates interest in the material he/she teaches. | 10 | 3 | 2 | 0 | 0 | 15 | 4.5 | **4.8** | 5 | 5 | 3 | 5 | .72 | | **815** | **4.1** | **4.4** | 76 | **815** | **4.1** | **4.4** | 76 |
| Q15 | My Lab TA displays enthusiasm when teaching. | 10 | 5 | 0 | 0 | 0 | 15 | 4.7 | **4.8** | 5 | 5 | 4 | 5 | .47 | | **812** | **4.1** | **4.4** | 79 | **812** | **4.1** | **4.4** | 79 |
| Q16 | My Lab TA readily maintains a positive rapport with this class. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | **4.9** | 5 | 5 | 4 | 5 | .40 | | **812** | **4.3** | **4.6** | 79 | **812** | **4.3** | **4.6** | 79 |
| Q17 | My Lab TA explains the underlying concepts of the experiment or activity. | 11 | 3 | 0 | 0 | 0 | 14 | 4.8 | **4.9** | 5 | 5 | 4 | 5 | .41 | | **812** | **4.2** | **4.5** | 84 | **812** | **4.2** | **4.5** | 84 |
| Q18 | My Lab TA encourages students to think on their own. | 9 | 5 | 1 | 0 | 0 | 15 | 4.5 | **4.7** | 5 | 5 | 3 | 5 | .62 | | **812** | **4.3** | **4.5** | 68 | **812** | **4.3** | **4.5** | 68 |
| Q19 | My Lab TA contributed to an increase in my understanding of the course material. | 9 | 6 | 0 | 0 | 0 | 15 | 4.6 | **4.7** | 5 | 5 | 4 | 5 | .49 | | **811** | **4.1** | **4.4** | 78 | **811** | **4.1** | **4.4** | 78 |
| Q20 | My Lab TA is accessible to me outside of class (through office hours or by arrangement) | 4 | 7 | 3 | 1 | 0 | 15 | 3.9 | **4.0** | 4 | 4 | 2 | 5 | .85 | | **807** | **4.1** | **4.2** | 42 | **807** | **4.1** | **4.2** | 42 |

**Responses:** [**SA**] Strongly Agree=5 [**A**] Agree=4 [**SA**] Somewhat agree=3 [**D**] Disagree=2 [**SD**] Strongly Disagree=1

**Pct Rnk:** Percentile Rank (100 is best, calculated vs. precise Mean)

| **Q21 - Based on your overall evaluation of your TA's performance, what things did you particularly like?** | |
|---|---|
| **Faculty:** | **Divyang Soni** |
| **Response Rate:** | 80.00% (**12** of **15**) |

| 1 | made any mini- lectures done on the lab material interesting |
|---|---|
| 2 | Willingly and effortlessly communicated subject material, instructions, and advice to students. Very friendly as well. |
| 3 | My TA was one of the best TAs I have had on campus. He is very enthusiastic about physics and is extremely talented in relaying important information. |
| 4 | I liked that my TA helped to explain the lab and the physics properties associated with it when my group was confused. |
| 5 | I liked that he understood the material fairly well, and he made himself approachable whenever students had questions. In general though he was relatively easy to get along with which helped the lab go smoothly. |
| 6 | I liked how he communicated clearly, was friendly, and clearly explained the expectations of the lab. |
| 7 | I liked how he went over the concepts before the lab. |
| 8 | He's a nice guy who actively moves around the classroom, checking up on people. |
| 9 | He understood the material very well and helped every table individually |
| 10 | He brings a positive energy to the classroom and is great at explaining things. |
| 11 | Attitude toward class |
| 12 | Always help our team whenever we have any questions about lab record |

## Q22 - Based on your overall evaluation of your TA's performance, what things did you particularly dislike?

| Faculty: | Divyang Soni |
| --- | --- |
| **Response Rate:** | **80.00**% (**12** of **15**) |

| | |
| --- | --- |
| 1 | The one time he was sick, got notification late. |
| 2 | Sometimes late |
| 3 | Overall there wasn't anything I really disliked about the lab based on the TA's performance. |
| 4 | Nothing |
| 5 | Nothing. |
| 6 | Nothing. |
| 7 | Nothing I dislike about him |
| 8 | I do not have any issues with my TA whatsoever. |
| 9 | I disliked how long some things took. However, it was expected since it was a lab. |
| 10 | He would sometimes show up late. One day, we didn't know he had called in sick until 30 minutes into the lab period. |
| 11 | Grading was occasionally slow and missed a class without good arrangements once. |
| 12 | At times his explanations were confusing |

## Q23 - Would you nominate this TA for a teaching award? Why?

| Faculty: | Divyang Soni |
| --- | --- |
| **Response Rate:** | **86.67**% (**13** of **15**) |

| | |
| --- | --- |
| 1 | yes, taught material well |
| 2 | no |
| 3 | Yes |
| 4 | Yes. He is a friendly and helpful TA. I would not mind nominating him for a teaching award |
| 5 | Yes. He made physics lab enjoyable. |
| 6 | Yes, he was a good TA |
| 7 | Yes, he is a very good TA and personable. |
| 8 | Yes, he is both very good and clearly passionate about his position. |
| 9 | Yeah, with this being his first time running a lab I thing he did a great job. |
| 10 | Sure. He's good at teaching, actively helps students and he gives good explanations |
| 11 | Probably. He was upbeat, helpful, and made the course fun. |
| 12 | No. He was good at discussing topics and teaching the material; however, the material was limited and we only met once per week. Just for that reason, I feel that a professor would be more deserving. Nevertheless, I did enjoy having him as my TA. |
| 13 | I would nominate my TA for a teaching award because he often explained the topics being tested or proven in lab before we started. This helps students to truly understand what they are doing and what trends to look for when conducting the experiment. |

## Q24 - Do you have any comments about this evaluation form?

| Faculty: | Divyang Soni |
| --- | --- |
| **Response Rate:** | **66.67**% (**10** of **15**) |

| | |
| --- | --- |
| 1 | no |
| 2 | This form has 24 questions. I have none. |
| 3 | No |
| 4 | No |
| 5 | No |
| 6 | No |
| 7 | No. |
| 8 | No. |
| 9 | No further comments. |
| 10 | Looks great |

## Results Summary by Question Category/Sub-Category

| Question Categories / Sub-Categories | | Divyang Soni | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | Responses | | | | | Individual | | | | | | | |
| | | SA | A | SA | D | SD | N | Mean | Grp Med | Med. | Mode | Low | High | Std Dev |
| S1 | Laboratory Course Survey | 187 | 88 | 16 | 6 | 0 | 297 | 4.5 | **4.7** | 5 | 5 | 2 | 5 | .69 |
| **C2** | **Physics Laboratory Course Survey** | **187** | **88** | **16** | **6** | 0 | **297** | **4.5** | **4.7** | **5** | **5** | **2** | **5** | **.69** |

**Responses:** [**SA**] Strongly Agree=5 [**A**] Agree=4 [**SA**] Somewhat agree=3 [**D**] Disagree=2 [**SD**] Strongly Disagree=1

| **Course:** | 15PHYS2001L 021 - COLLEGE PHYS LAB I | **Department:** | 15PHYS |
|---|---|---|---|
| **Responsible Faculty:** | Larry Bortner | **Responses / Expected:** | 13 / 17 (76.47%) |
| **Faculty:** | **Divyang Soni** | | |

| Physics Laboratory Course Survey / Laboratory Course Survey | | Divyang Soni | | | | | | | | | | | | | --- Survey Comparisons --- | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Responses | | | | | Individual | | | | | | | | 15PHYS | | | | All | | | |
| | | SA | A | SA | D | SD | N | Mean | Grp Med | Med. | Mode | Low | High | Std Dev | N | Mean | Grp Med | Pct Rnk | N | Mean | Grp Med | Pct Rnk |
| Q1 | My Lab TA displays a clear understanding of course topics. | 8 | 5 | 0 | 0 | 0 | 13 | 4.6 | 4.7 | 5 | 5 | 4 | 5 | .49 | 819 | 4.4 | 4.6 | 68 | 819 | 4.4 | 4.6 | 68 |
| Q2 | My Lab TA communicates clearly with the students. | 6 | 5 | 2 | 0 | 0 | 13 | 4.3 | 4.4 | 4 | 5 | 3 | 5 | .72 | 818 | 4.1 | 4.5 | 58 | 818 | 4.1 | 4.5 | 58 |
| Q3 | My Lab TA seems well prepared for class. | 8 | 5 | 0 | 0 | 0 | 13 | 4.6 | 4.7 | 5 | 5 | 4 | 5 | .49 | 815 | 4.3 | 4.6 | 75 | 815 | 4.3 | 4.6 | 75 |
| Q4 | My Lab TA never misses a class without some alternative arrangement | 12 | 1 | 0 | 0 | 0 | 13 | 4.9 | 5.0 | 5 | 5 | 4 | 5 | .27 | 817 | 4.6 | 4.8 | 87 | 817 | 4.6 | 4.8 | 87 |
| Q5 | My Lab TA arrives on time. | 11 | 2 | 0 | 0 | 0 | 13 | 4.8 | 4.9 | 5 | 5 | 4 | 5 | .36 | 816 | 4.4 | 4.7 | 81 | 816 | 4.4 | 4.7 | 81 |
| Q6 | My Lab TA is actively helpful when students have problems. | 9 | 3 | 1 | 0 | 0 | 13 | 4.6 | 4.8 | 5 | 5 | 3 | 5 | .62 | 814 | 4.3 | 4.7 | 66 | 814 | 4.3 | 4.7 | 66 |
| Q7 | My Lab TA welcomes questions or comments from the students. | 11 | 2 | 0 | 0 | 0 | 13 | 4.8 | 4.9 | 5 | 5 | 4 | 5 | .36 | 816 | 4.4 | 4.7 | 82 | 816 | 4.4 | 4.7 | 82 |
| Q8 | My Lab TA explains difficult material clearly. | 7 | 3 | 3 | 0 | 0 | 13 | 4.3 | 4.6 | 5 | 5 | 3 | 5 | .82 | 813 | 4.1 | 4.4 | 61 | 813 | 4.1 | 4.4 | 61 |
| Q9 | My Lab TA is willing to explain any material more than once. | 9 | 4 | 0 | 0 | 0 | 13 | 4.7 | 4.8 | 5 | 5 | 4 | 5 | .46 | 814 | 4.4 | 4.6 | 78 | 814 | 4.4 | 4.6 | 78 |
| Q10 | My Lab TA recognizes when some students fail to comprehend. | 4 | 4 | 4 | 1 | 0 | 13 | 3.8 | 3.9 | 4 | 3,4,5 | 2 | 5 | .95 | 812 | 4.1 | 4.4 | 29 | 812 | 4.1 | 4.4 | 29 |
| Q11 | My Lab TA appears to grasp quickly what a student is saying. | 6 | 5 | 2 | 0 | 0 | 13 | 4.3 | 4.4 | 4 | 5 | 3 | 5 | .72 | 815 | 4.1 | 4.3 | 63 | 815 | 4.1 | 4.3 | 63 |
| Q12 | My Lab TA encourages participation of all group members when students work in groups. | 8 | 4 | 1 | 0 | 0 | 13 | 4.5 | 4.7 | 5 | 5 | 3 | 5 | .63 | 815 | 4.3 | 4.5 | 75 | 815 | 4.3 | 4.5 | 75 |
| Q13 | My Lab TA skillfully evokes student responses. | 5 | 5 | 2 | 0 | 0 | 12 | 4.3 | 4.3 | 4 | 4,5 | 3 | 5 | .72 | 809 | 4.1 | 4.3 | 62 | 809 | 4.1 | 4.3 | 62 |
| Q14 | My Lab TA stimulates interest in the material he/she teaches. | 5 | 6 | 2 | 0 | 0 | 13 | 4.2 | 4.3 | 4 | 4 | 3 | 5 | .70 | 815 | 4.1 | 4.4 | 58 | 815 | 4.1 | 4.4 | 58 |
| Q15 | My Lab TA displays enthusiasm when teaching. | 6 | 7 | 0 | 0 | 0 | 13 | 4.5 | 4.4 | 4 | 4 | 4 | 5 | .50 | 812 | 4.1 | 4.4 | 73 | 812 | 4.1 | 4.4 | 73 |
| Q16 | My Lab TA readily maintains a positive rapport with this class. | 9 | 3 | 1 | 0 | 0 | 13 | 4.6 | 4.8 | 5 | 5 | 3 | 5 | .62 | 812 | 4.3 | 4.6 | 70 | 812 | 4.3 | 4.6 | 70 |
| Q17 | My Lab TA explains the underlying concepts of the experiment or activity. | 7 | 5 | 0 | 1 | 0 | 13 | 4.4 | 4.6 | 5 | 5 | 2 | 5 | .84 | 812 | 4.2 | 4.5 | 58 | 812 | 4.2 | 4.5 | 58 |
| Q18 | My Lab TA encourages students to think on their own. | 8 | 4 | 1 | 0 | 0 | 13 | 4.5 | 4.7 | 5 | 5 | 3 | 5 | .63 | 812 | 4.3 | 4.5 | 70 | 812 | 4.3 | 4.5 | 70 |
| Q19 | My Lab TA contributed to an increase in my understanding of the course material. | 6 | 5 | 2 | 0 | 0 | 13 | 4.3 | 4.4 | 4 | 5 | 3 | 5 | .72 | 811 | 4.1 | 4.4 | 63 | 811 | 4.1 | 4.4 | 63 |
| Q20 | My Lab TA is accessible to me outside of class (through office hours or by arrangement) | 4 | 7 | 2 | 0 | 0 | 13 | 4.2 | 4.1 | 4 | 4 | 3 | 5 | .66 | 807 | 4.1 | 4.2 | 61 | 807 | 4.1 | 4.2 | 61 |

Responses: [SA] Strongly Agree=5 [A] Agree=4 [SA] Somewhat agree=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

| **Q21 - Based on your overall evaluation of your TA's performance, what things did you particularly like?** |
|---|

| **Faculty:** | **Divyang Soni** |
|---|---|
| **Response Rate:** | **100.00**% (**13** of **13**) |

| 1 | Would interact with and check in on students to make sure they understood what was going on without being disruptive or awkward. |
|---|---|
| 2 | Tries to help |
| 3 | That he helped up out when we had questions or explained things at the beginning of class. |
| 4 | I liked the hands on learning that correlates with what I'm learning in physics lecture. I also liked the Divyang was a very straight up and approachable guy. |
| 5 | I liked how friendly the TA was and how he tried to help. |
| 6 | I liked how he would help us understand the concepts being taught and wouldn't move on until we understood what the concept and lab was and wanted us to do |
| 7 | How willing he was to help his students. |
| 8 | He was always willing to help in anyway we needed making suggestions and guiding us toward the answer when we were struggling |
| 9 | He knew what he was talking about and was able to lead students in the right direction. |
| 10 | He explained things well in lab |
| 11 | He created a very good learning environment for the students allowing us to learn and come to our won conclusions without just leaving us out in the cold |
| 12 | Divyang is an awesome TA. He knows all the physics concepts we are learning and is able to explain what we must do whenever we have a problem. In addition, he is a really nice person. It is easy to just start talking to Divyang and forget what you are doing until he gets you back on track. |
| 13 | Divyang could always clearly answer any questions we had and provide the necessary guidance for us to succeed during lab |

| Q22 - Based on your overall evaluation of your TA's performance, what things did you particularly dislike? | |
|---|---|
| **Faculty:** | **Divyang Soni** |
| **Response Rate:** | **100.00**% (**13** of **13**) |

| 1 | nothing in particular comes to mind |
|---|---|
| 2 | The only thing I disliked was how he would drag out simple concepts and make them take longer than needed to be. |
| 3 | The nitty and gritty lab requirements. For example the requirement to turn in lab records the day of, OR you won't get credit for the lab at ALL which is bs. If I do the lab to its fullest, then go on with my busy day and forget to submit the online records I should be able to turn it in the next day or even a week later in the TA allows it. |
| 4 | Really nothing, he was a fantastic TA and I have no complaints |
| 5 | Nothing |
| 6 | Nothing really. |
| 7 | Not always clear |
| 8 | No Complaints |
| 9 | Labs took longer than they should have in many cases |
| 10 | I did not dislike anything. |
| 11 | He had trouble explaining some things. |
| 12 | He had to leave right when the class ended and I was not always don't writing. |
| 13 | Divyang became our TA in our third week I believe, so my only problem is that we did not have him for the first few weeks! |

| Q23 - Would you nominate this TA for a teaching award? Why? | |
|---|---|
| **Faculty:** | **Divyang Soni** |
| **Response Rate:** | **92.31**% (**12** of **13**) |

| 1 | Yes. He seems to really like what he teaches, and he does so well. Plus he is an incredibly nice person that you can just talk to for hours. |
|---|---|
| 2 | Yes. He has very good communication with the students and knows how to explain difficult topics. |
| 3 | Yes, because from my understanding this is his first TA gig and you wouldn't know by how he conducted himself and how he treated the students and material A+ Divyang |
| 4 | Yes, because he was very helpful in this course. |
| 5 | Yes, because he is very friendly and helpful. |
| 6 | Yes, Divyang was an excellent TA that had a great balance between being not only a teacher, but a friend as well. Even with all the prerequisite bs, lab was fun because of him and the students in it. |
| 7 | Yes, Divyang was a wonderful TA who was always able to answer all of our questions and provide the necessary guidance for us to succeed during lab |
| 8 | Yes because it was his first time teaching and I think to be that good your first time shows that you deserve some credit and shows that he will be a strong teacher in the future. |
| 9 | Probably not an award, but still did a good job of teaching. |
| 10 | No, needs to work on communication skills |
| 11 | N/A |
| 12 | Maybe, he was a great TA but I'm not sure if it warrants an award |

| Q24 - Do you have any comments about this evaluation form? | |
|---|---|
| **Faculty:** | **Divyang Soni** |
| **Response Rate:** | **100.00**% (**13** of **13**) |

| 1 | no |
|---|---|
| 2 | nope |
| 3 | This was an evaluation of my physics lab TA, who was wonderful, but where is the evaluation of the class itself? Which was unnecessarily difficult |
| 4 | No |
| 5 | No |
| 6 | No |
| 7 | No |
| 8 | Nope |
| 9 | None |
| 10 | No. |
| 11 | No. |
| 12 | No. |
| 13 | A few comments about the course itself... the lab records process feels like it would be more efficient if lab records could be done on a word document. Would allow for the charts and tables to be made faster and would make it far easier and faster to turn in lab records. Just my two cents. Nothing extra about the form. |

## Results Summary by Question Category/Sub-Category

| Question Categories / Sub-Categories | | Divyang Soni | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Responses | | | | | Individual | | | | | | | |
| | | SA | A | SA | D | SD | N | Mean | Grp Med | Med. | Mode | Low | High | Std Dev |
| S1 | Laboratory Course Survey | 149 | 85 | 23 | 2 | 0 | 259 | 4.5 | 4.6 | 5 | 5 | 2 | 5 | .69 |
| C2 | **Physics Laboratory Course Survey** | **149** | **85** | **23** | **2** | **0** | **259** | **4.5** | **4.6** | **5** | **5** | **2** | **5** | **.69** |

**Responses:** [**SA**] Strongly Agree=5 [**A**] Agree=4 [**SA**] Somewhat agree=3 [**D**] Disagree=2 [**SD**] Strongly Disagree=1

| | | | |
|---|---|---|---|
| **Course:** | 15PHYS2001L 023 - COLLEGE PHYS LAB I | **Department:** | 15PHYS |
| **Responsible Faculty:** | Larry Bortner | **Responses / Expected:** | 15 / 20 (75%) |
| **Faculty:** | **Divyang Soni** | | |

| Physics Laboratory Course Survey / Laboratory Course Survey | | Divyang Soni | | | | | | | | | | | | | | --- Survey Comparisons --- | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Responses | | | | | Individual | | | | | | | | | 15PHYS | | | | All | | | |
| | | SA | A | SA | D | SD | N | Mean | Grp Med | Med. | Mode | Low | High | Std Dev | N | Mean | Grp Med | Pct Rnk | N | Mean | Grp Med | Pct Rnk |
| Q1 | My Lab TA displays a clear understanding of course topics. | 14 | 1 | 0 | 0 | 0 | 15 | 4.9 | 5.0 | 5 | 5 | 4 | 5 | .25 | 819 | 4.4 | 4.6 | 91 | 819 | 4.4 | 4.6 | 91 |
| Q2 | My Lab TA communicates clearly with the students. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | 4.9 | 5 | 5 | 4 | 5 | .40 | 818 | 4.1 | 4.5 | 82 | 818 | 4.1 | 4.5 | 82 |
| Q3 | My Lab TA seems well prepared for class. | 13 | 2 | 0 | 0 | 0 | 15 | 4.9 | 4.9 | 5 | 5 | 4 | 5 | .34 | 815 | 4.3 | 4.6 | 89 | 815 | 4.3 | 4.6 | 89 |
| Q4 | My Lab TA never misses a class without some alternative arrangement | 13 | 2 | 0 | 0 | 0 | 15 | 4.9 | 4.9 | 5 | 5 | 4 | 5 | .34 | 817 | 4.6 | 4.8 | 75 | 817 | 4.6 | 4.8 | 75 |
| Q5 | My Lab TA arrives on time. | 10 | 3 | 2 | 0 | 0 | 15 | 4.5 | 4.8 | 5 | 5 | 3 | 5 | .72 | 816 | 4.4 | 4.7 | 46 | 816 | 4.4 | 4.7 | 46 |
| Q6 | My Lab TA is actively helpful when students have problems. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | 4.9 | 5 | 5 | 4 | 5 | .40 | 814 | 4.3 | 4.7 | 82 | 814 | 4.3 | 4.7 | 82 |
| Q7 | My Lab TA welcomes questions or comments from the students. | 15 | 0 | 0 | 0 | 0 | 15 | 5.0 | 5.0 | 5 | 5 | 5 | 5 | 0 | 816 | 4.4 | 4.7 | 94 | 816 | 4.4 | 4.7 | 94 |
| Q8 | My Lab TA explains difficult material clearly. | 9 | 5 | 0 | 0 | 0 | 14 | 4.6 | 4.7 | 5 | 5 | 4 | 5 | .48 | 813 | 4.1 | 4.4 | 84 | 813 | 4.1 | 4.4 | 84 |
| Q9 | My Lab TA is willing to explain any material more than once. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | 4.9 | 5 | 5 | 4 | 5 | .40 | 814 | 4.4 | 4.6 | 84 | 814 | 4.4 | 4.6 | 84 |
| Q10 | My Lab TA recognizes when some students fail to comprehend. | 9 | 5 | 1 | 0 | 0 | 15 | 4.5 | 4.7 | 5 | 5 | 3 | 5 | .62 | 812 | 4.1 | 4.4 | 74 | 812 | 4.1 | 4.4 | 74 |
| Q11 | My Lab TA appears to grasp quickly what a student is saying. | 8 | 7 | 0 | 0 | 0 | 15 | 4.5 | 4.6 | 5 | 5 | 4 | 5 | .50 | 815 | 4.1 | 4.3 | 75 | 815 | 4.1 | 4.3 | 75 |
| Q12 | My Lab TA encourages participation of all group members when students work in groups. | 10 | 3 | 2 | 0 | 0 | 15 | 4.5 | 4.8 | 5 | 5 | 3 | 5 | .72 | 815 | 4.3 | 4.5 | 73 | 815 | 4.3 | 4.5 | 73 |
| Q13 | My Lab TA skillfully evokes student responses. | 7 | 6 | 2 | 0 | 0 | 15 | 4.3 | 4.4 | 4 | 5 | 3 | 5 | .70 | 809 | 4.1 | 4.3 | 67 | 809 | 4.1 | 4.3 | 67 |
| Q14 | My Lab TA stimulates interest in the material he/she teaches. | 8 | 5 | 2 | 0 | 0 | 15 | 4.4 | 4.6 | 5 | 5 | 3 | 5 | .71 | 815 | 4.1 | 4.4 | 69 | 815 | 4.1 | 4.4 | 69 |
| Q15 | My Lab TA displays enthusiasm when teaching. | 11 | 4 | 0 | 0 | 0 | 15 | 4.7 | 4.8 | 5 | 5 | 4 | 5 | .44 | 812 | 4.1 | 4.4 | 81 | 812 | 4.1 | 4.4 | 81 |
| Q16 | My Lab TA readily maintains a positive rapport with this class. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | 4.9 | 5 | 5 | 4 | 5 | .40 | 812 | 4.3 | 4.6 | 79 | 812 | 4.3 | 4.6 | 79 |
| Q17 | My Lab TA explains the underlying concepts of the experiment or activity. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | 4.9 | 5 | 5 | 4 | 5 | .40 | 812 | 4.2 | 4.5 | 85 | 812 | 4.2 | 4.5 | 85 |
| Q18 | My Lab TA encourages students to think on their own. | 10 | 3 | 2 | 0 | 0 | 15 | 4.5 | 4.8 | 5 | 5 | 3 | 5 | .72 | 812 | 4.3 | 4.5 | 68 | 812 | 4.3 | 4.5 | 68 |
| Q19 | My Lab TA contributed to an increase in my understanding of the course material. | 12 | 3 | 0 | 0 | 0 | 15 | 4.8 | 4.9 | 5 | 5 | 4 | 5 | .40 | 811 | 4.1 | 4.4 | 83 | 811 | 4.1 | 4.4 | 83 |
| Q20 | My Lab TA is accessible to me outside of class (through office hours or by arrangement) | 6 | 7 | 2 | 0 | 0 | 15 | 4.3 | 4.3 | 4 | 4 | 3 | 5 | .68 | 807 | 4.1 | 4.2 | 70 | 807 | 4.1 | 4.2 | 70 |

Responses: [SA] Strongly Agree=5 [A] Agree=4 [SA] Somewhat agree=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

| | |
|---|---|
| **Q21 - Based on your overall evaluation of your TA's performance, what things did you particularly like?** | |
| **Faculty:** | **Divyang Soni** |
| **Response Rate:** | 93.33% (**14** of **15**) |

| | |
|---|---|
| 1 | Not sure what this question is asking to be honest. What did I like about my TA's performance? What did I like about the class overall? My TA was good, and the class was kinda boring for the most part. |
| 2 | I liked that he explained the materials before we completed the lab and was not unwilling to go over the topic multiple times until each student understood the material. |
| 3 | I liked how easy he was to talk to and how fun he made the class. |
| 4 | I liked how easy going and understanding my TA was. He really helped you when you were struggling and he was a great guy. |
| 5 | I have nothing but good things to say about Divyang Soni. He is an awesome dude who explains things very well. |
| 6 | He was very enthusiastic about the topics and interacted with us outside the course material. He was very genuine. |
| 7 | He was very kind and a lot of fun. He always explained answers clearly. |
| 8 | He is a very enthusiastic guy and always projects a friendly demeanor. |
| 9 | He helped students reach the answers on their own whenever possible by leading thoughts in the right direction |
| 10 | He had a better presence than the guy we had initially. I think he was very approachable and was able to get us to understand the concepts by asking us questions. |
| 11 | He genuinely like the material that each lab consisted of. |
| 12 | He explained things really well and was always willing to help or answer a question |

| 13 | Explained the material very well when students were confused. |
|----|--------------------------------------------------------------|
| 14 | Divyang was extremely helpful and really nice. He's probably one of the most approachable TAs I've ever had. Great guy, really smart, awesome TA. He took a lot of time to try and explain things to me and he was really encouraging toward our learning. |

**Q22 - Based on your overall evaluation of your TA's performance, what things did you particularly dislike?**

| Faculty: | Divyang Soni |
|----------|--------------|
| **Response Rate:** | 93.33%   (**14** of **15**) |

| 1 | nothing |
|----|---------|
| 2 | none |
| 3 | n/a |
| 4 | With the class the way it was it was hard to feel like they were accessible 100% of the time, but i do not blame the TA. |
| 5 | There was nothing I disliked about my TA. |
| 6 | There is nothing that I disliked about the class because of the TA. |
| 7 | Same problem as question 21. My TA was good, I don't have anything bad to say about him, but the class what i disliked most was the use of two pieces of paper for all the writing. |
| 8 | Nothing. |
| 9 | Nothing- I think the class size might have been a table too much because Divyang seemed really stretched some days. |
| 10 | Nothing in particular. |
| 11 | Not a thing. He's, like, really awesome |
| 12 | I don't have an strong opinions against him. I mean, the guy gave us a Kit-Kat on the last day. |
| 13 | I didn't like the days when another TA replaced him. |
| 14 | I did not like that we often did not start lab on time. |

**Q23 - Would you nominate this TA for a teaching award? Why?**

| Faculty: | Divyang Soni |
|----------|--------------|
| **Response Rate:** | 93.33%   (**14** of **15**) |

| 1 | no, his performance was good, but not outstanding. |
|----|---------------------------------------------------|
| 2 | Yes. Divyang Soni is one of the best TAs I have ever had. He was much more interested in the content and students than any replacement TA. He was very understanding with labs and graded them fairly. Honestly, Divyang is a fantastic human being and I hope to call him my friend one day. |
| 3 | Yes, he was able to explain topics very clearly and helped when my group was lost in order to get on the right track. |
| 4 | Yes, he is a great teacher and cares about the students. |
| 5 | Yes, because he explains the material well and he makes lab somewhat enjoyable. |
| 6 | Yes, I would nominate my TA for a teaching award. He is knowledgeable, friendly, and enthusiastic about the course material. |
| 7 | Yes, He was extremely helpful and one of the best TAs I've ever had. |
| 8 | Yes, He made sure we knew the topics covered in te lab and was always walking around making sure nobody had any questions. |
| 9 | Yes! He was great |
| 10 | Yes because he is very sincere in interacting with us, knows the material, and makes it fun. |
| 11 | Yeah, because he's awesome. He is always willing to work with students and does a great job making sure we understand the material. He grades fairly and accurately. He is accessible outside of class. |
| 12 | Sure, if there's an award he deserves a chance. |
| 13 | Probably not. He was good but he also wasn't outstanding. |
| 14 | No, good TA but nothing extraordinary. |

**Q24 - Do you have any comments about this evaluation form?**

| Faculty: | Divyang Soni |
|----------|--------------|
| **Response Rate:** | 80.00%   (**12** of **15**) |

| 1 | no |
|----|-----|
| 2 | no |
| 3 | no |
| 4 | make the questions more clear. |
| 5 | No |
| 6 | No |
| 7 | Nope. |
| 8 | Nope. |
| 9 | None |
| 10 | N/A |

| | | |
|---|---|---|
| 11 | It is fair and covers all applicable topics | |
| 12 | I would add an evaluation of the course itself. | |

## Results Summary by Question Category/Sub-Category

| Question Categories / Sub-Categories | Divyang Soni | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Responses | | | | | Individual | | | | | | | |
| | SA | A | SA | D | SD | N | Mean | Grp Med | Med. | Mode | Low | High | Std Dev |
| S1  Laboratory Course Survey | 215 | 71 | 13 | 0 | 0 | 299 | 4.7 | **4.8** | 5 | 5 | 3 | 5 | .55 |
| **C2  Physics Laboratory Course Survey** | **215** | **71** | **13** | **0** | **0** | **299** | **4.7** | **4.8** | **5** | **5** | **3** | **5** | **.55** |

**Responses:** [**SA**] Strongly Agree=5 [**A**] Agree=4 [**SA**] Somewhat agree=3 [**D**] Disagree=2 [**SD**] Strongly Disagree=1