

PY 105 (A1): Elementary Physics 1

Qualitative

88 Students Enrolled 74 Students Responded 84.09% Response Rate
--

Responses

Are you a Boston University student? - No (What school do you regularly attend?)

- No (What school do you regularly attend?) georgetown
- No (What school do you regularly attend?) Emory University
- No (What school do you regularly attend?) University of Miami
- No (What school do you regularly attend?) Washington University in St. Louis
- No (What school do you regularly attend?) Emory University
- No (What school do you regularly attend?) University of Michigan
- No (What school do you regularly attend?) University of Miami
- No (What school do you regularly attend?) Trinity College
- No (What school do you regularly attend?) University of Southern California
- No (What school do you regularly attend?) University of Virginia
- No (What school do you regularly attend?) Davidson College
- No (What school do you regularly attend?) Graduated from Amherst College
- No (What school do you regularly attend?) Barnard College
- No (What school do you regularly attend?) Rutgers University
- No (What school do you regularly attend?) Johns Hopkins University
- No (What school do you regularly attend?) Tulane University

Responses

Please comment on the strong points of this

- Really enjoyed the dry humor. At first i found it a bit too much but as time went on i like it more and more. Exercises in class are helpful.
- He helps explaining things clearly and goes slow on things so people can understand fully.

instructor's teaching and presentation: -

Responses

- I love his lecture style! It is so helpful that he does many example problems during class.
- Goes through points fast
- Dr. V explains concepts extremely well; I am very rarely confused and if I am it is often cleared up very quickly. He also is quite funny, making class engaging and more entertaining (especially since it is such an early class).
- He is very knowledgeable about the material and genuinely wants students to do well. He is always willing to meet with students to help them. He explains concepts clearly and effectively and it is very clear what he expects from students. Demonstrations are super helpful in order to visualize the concepts occurring in the world
- Mr. V used a lot of demonstrations in his lectures which was really helpful and fun to see! I appreciate how he goes through practice problems in lecture. Mr. V is really helpful with questions in office hours, but less so in lecture.
- Mr. V is pretty engaging and does a good job keeping the lecture material relevant and accessible. Thank you!
- Funny, entertaining lecturer
- Mr. V clearly knows where students are more likely to be tripped off, and thus reminds us in lecture to not make certain mistakes. He also explains concepts in multiple ways to make sure students understand each theory.
- Dr. V is enthusiastic about teaching and his class teaches a lot about problem solving which helps in other classes outside of physics too.
- Very good at explaining physics problems in a clear, straight forward and encouraging manner.
- -hilarious, kept lecture entertaining -demos prevent you from falling asleep -always willing to answer questions -really cares about students
- Professor V. is a very enthusiastic professor that has a very deep understanding of the material and is relatively good at explaining it. Homework is very relevant and exams fair.
- I really liked him. One of the best instructors at BU. He explained concepts very well, his exams were pretty straightforward and based off homework. He is really fair. He uses equipments to explain the concepts which makes it fun.

Responses

- Mr. V had very good demonstrations to model the physics we were learning and was very knowledgeable on the subject taught. He had a sarcastic sense of humor which I very much enjoyed, and he prepared us really well for the exams.
- Funny, passionate and very open to questions
- He is an amazing professor and goes into depth about the material.
- Experiments in class kept the students awake and entertained, and his sense of humor is dry but humorous.
- The demonstrations were great and really helpful. The tests were extremely fair and were based on material given in the homework as well as what was discussed in class.
- He is very clear and concise with his explanations of concepts. I also really appreciate all the practice problems we do and the step by step examples he shows us.
- Enthusiastic, lots of examples shown to class, posts everything online which is very convenient.
- Very nice guy, understanding. Exceptional knowledge of the subject. Wants people to do well. Enthusiastic. Always available during office hours.
- Demonstrated experiments in class that helped explain the material even further. Also made the class engaging by asking question through webassign.
- interesting, does many fun examples in class that display the concepts well, funny
- He used demonstrations well. All work was returned timely.
- Included fun and engaging demonstrations. Related exam material to HW and lecture problems. Made things challenging and engaging but not impossible. Good structure for learning!
- Prof. Voroshilov is a great teacher, very wise and clear. All exams have been extremely fair so far, and he has done a great job at conveying the material. I now have developed a much greater interest and understanding of the beauty of physics. I look forward to PY106!
- Good examples, helpful for exam
- Funny; intelligent; witty; knowledgeable; i love physics so much more because of this man.
- Fast paced, but easy concepts

Responses

- Demonstrations were so helpful and fun!! Mr. V clearly loves physics and loves to teach. He made physics fun and I learned physics!!
 - The pace of his lecture is pretty good. The exam is pretty fair, and it reflects all materials covered during lectures.
 - Very clear teaching style
 - I enjoyed lecture he clearly cared about the class and was straight forward.
 - I appreciated the flexibility in attending lectures and his responsiveness to questions on Piazza
 - very enthusiastic and wants students to do well
 - Great!
 - Explains topics very clearly with helpful examples
 - He is good at entertaining students and explaining concepts well too. Makes physics more enjoyable.
 - Straightforward teacher, exams are fair
 - He is very clear and his exams are very fair. He teaches us what we should know.
 - Professor Voroshilov explained physics very well for how hard a topic it is. He showed us fun experiments and tried to make lecture fun.
 - He really explains things very well, and does plenty of sample problems. The sample problems really further the understanding of the course material.
-
- fair grading quick to return assignments
-

Responses

Please comment on aspects of this instructor's teaching and presentation that might be improved: -

- nothing
- His handwriting is a little bit messy :)
- I think we can go over more/ different types of examples in class.
- N/A. Fixed during the semester

Responses

- handwriting but he does not care about this ha
- Speed, often presented information too quickly.
- Sometimes I don't understand what he's saying but that's okay.
- Sometimes hard to keep up
- The slides are too crowded and confusing. He seems somewhat apathetic
- Great!
- Sometimes he did not explain things very clearly in the most straightforward easiest way.
- accent is a bit rough but is understandable after a second or two
- have all homework encompass all exam materials.
- maybe dont roast people so much when they ask questions, but I appreciate his sense of humor
- N/A
- Keep the live stream option. Was very convenient.
- Grading was often inconsistent between exams.
- type up answers to in class problems would be nice because of messy handwriting :)
- Overall exceed my expectations for the class, no need for improvements.
- Does not always finish problems in class so you must rely on a strong foundation in math. Does steps in his head sometimes that students may not follow.
- Goes through lectures very fast, it's a pretty intensive course that crams a lot in for the summer
- None!
- Maybe he could try improving his hand writing because the lecture slides are really hard to understand otherwise especially ones that require solving example problems.
- Need to provide more clear and specific step-by-step processes to solving questions. Also need to provide a better overarching view of the material we cover so we can understanding how all these equations and numbers fit into a broader theory. Slides need to be more organized and structured to provide clarity for the students, and handwriting needs to be improved because it has created issues with understanding. Problems should be thoughtfully and thoroughly completed in class to show the students how to properly

Responses

approach the problems. But, most importantly, the teacher needs to be more understanding and welcoming to students questions and not belittle them or embarrass them when they are confused. It is crucial to make the students comfortable and curious, and this teacher made me terrified of asking any questions at all. He needs to show more respect for the students who are trying hard to understand - being rude to a student is just unacceptable.

- His teaching and presentation was very clear and concise.
- Fully complete the problems in class, otherwise there is an abundant amount of confusion on a greater volume of information (not, simply, more content covered at a more efficient pace)
- I sometimes got a bit bored during lecture, but he said that might happen and I don't think that reflects on his teaching.
- When I read some online reviews, I assumed his accent would be a problem. However, I didn't find that to be an issue at all. He explained the concepts well. Honestly, I wish he didn't do the waiver thing so I would have attended the lecture in person because online lectures aren't as fun. You can't see the stimulations clearly in the online lecture. However, I really liked him - changed my view on physics. I am excited to take Physics 2 with him.
- It genuinely seems like professor V. enjoys roasting students sometimes without even providing the answer to the question they asked. He is a good professor but his attitude is often unprofessional and rude.
- -monotonous voice -switches slides too quickly and not enough time to copy down notes
- Some worked out problems in lectures were difficult to follow but the recorded lectures were helpful for revisiting questions.
- For the last part of the material, after the second exam, the material felt rushed. We did not have enough time to think over the class example questions before Mr. V started solving through them quickly as well. I understand that we don't have much time, but I would still prefer if Mr. V went over less problems and gave us more time to think.
- More class participation
- Since the summer course moves pretty quickly, it would be helpful if the lecture slides could be uploaded just prior to class so that we can follow along, especially if we're writing something down and the slide changes.

Responses

- Mr. V goes very quickly often in lecture and this is hard to follow. He assumes that we understand which equation he is using and just writes numbers on the board. It would be really awesome if he could go step by step from start to finish of a problem including the equations and mathematical calculations. He also tells us he wants us to ask questions, but often, when people do ask questions he responds in a way that discourages question asking. He responds in a manner that makes the student asking a question feel stupid or embarrassed. That is definitely something to work on if he wants to facilitate a learning environment where all students feel comfortable asking questions.
 - His voice is very monotonous and dull. Hard to stay focused the first part of the semester but then he started doing more demonstrations and it made the class more lively
 - None!
 - Go through points more slowly
 - his tone when lecturing, he is very monotone.
 - Delivery can be very dry, to the point that we get the impression that the professor lacks teaching motivation
-

Responses

Please comment on the strong points of this course: -

- went over the topics slowly so people can grasp the subject.
- Lab is long but it is easy
- Tests are extremely fair (your grade reflects how much effort you put in), and the homework assignments are helpful.
- The course exams were the homework problems which was very nice because they didn't try to trick you, it was genuinely testing your ability to do the problems and not doing something complicated to trick you. The demonstrations are very helpful and clear. The lectures being recorded were very helpful, there were a few instances where circumstances prevented me from going to class and having them recorded was extremely helpful
- Its really hard and made me learn a lot of physics!

Responses

- Lecture material was very accessible, and Mr. V was funny and encouraged engagement, questions, and discussion throughout lecture.
- Short and compressed
- The HW given in this course is reasonable and really helps in understanding. The extensive amount of office hours is also really beneficial.
- This course helped me become more confident in my physics abilities and was paced well.
- -went over only the most important concepts
- It is much better than the experimental physics course taught during the year because of its clear lecture and lab approach.
- it gave me a good understanding of basic physics in a fast condensed way.
- The course was pretty straightforward. The exams were based off homework - extremely fair. (unlike other BU courses)
- The in-class examples and homework were very helpful. The amount of office hours was very convenient. Having the option to watch lectures online was very useful, particularly since it's the summer.
- Good enthusiasm and relevance of homework, as well as fair test
- Content was clear
- The TA's are AMAZING and were so, so helpful in providing a clear understanding for this course. The homework is difficult but I like how, if you understand the homework thoroughly, you will do well on the exams. It provides a great way to study and learn the material.
- It was basic and not too hard. It really helped me become familiar with the fundamentals of the course.
- Lectures very straight forwards and engaging, labs also really solidified my understanding of the concepts we learned.
- Good foundation in physics
- it had plenty of office hours that offered help. Lab did explain materials in class.
- feasible within time frame (a lot of info but taught at a level that is possible to understand and learn)
- I enjoyed the material. It was presented well and mostly fair.

Responses

- Covered a wide range of topics thoroughly and I feel like I learned a lot at the end.
 - I have had wonderful TF's- Varun and Ram- for lab sections. They have been extremely helpful in developing an understanding of the material! I also think that the format of an investigative laboratory is fantastic and conducive to asking questions and understanding.
 - it made physics fun!
 - Fast paced and homework easy to handle
 - Mr. V spread out the material really well!!
 - clear
 - The homework was helpful and the textbook was clear.
 - Everything
 - webasigns aligned well with exams
 - Labs very helpful, although too long
 - helps me understand physics better.
 - challenging
 - Clear learning objectives, straightforward homework connect to exams.
 - Very clear on what he wants us to learn.
 - For someone that is not a science major, this course is very well explained and is set up in a way that the students do not need previous experience, though obviously having experience made topics easier to understand.
 - Mr.V understands how to make the material fun
 - good material moves fast fair assignments
-

Responses

Please comment on aspects

- nothing

of this course that might be improved: -

Responses

- Lab is terrible
- handwriting
- Labs didnt help me
- n/a
- I wish it was at a later time so I actually had the motivation to go to class.
- Labs connecting more to lecture work
- Questioning
- none
- labs could be better
- I wish tests were a little harder because so many people get really high scores so I had to worry about how the curve would be
- have old exams be summer exams to study from rather than fall exams.
- labs are long
- N/A
- I struggled with finding connection between lab and class. It was somewhat helpful but not great.
- n/a
- Everything was perfect in my opinion, course ran smoothly
- Could be a little bit more spread out and not so congested.
- Lab's weren't specifically helpful.
- none
- In-class problems should be completed to the full extent, clarity of writing needs to be improved, derivation of equations should be more clear
- I think the lab TFs could improve their abilities to answer and explain questions to students--sometimes the answers seemed a bit condescending.

Responses

- I wish the labs were based off correctness, than participation because I didn't take them seriously, I would have learned more in the lab if I knew they would be graded.
 - the attitude of the professor made me want to not go to lecture, something that is often a key component in determining how much I absorb the material.
 - Monday tests were difficult because most of the studying gets done over the weekend when it is hard to get help and there are no office hours.
 - The pace for the last part of material was too fast.
 - Moves very fast
 - Any method to make it easier to keep up with note taking during the lecture itself would be great!
 - The lectures are too fast!
 - Lab is awful. It is a genuine waste of time. The TF's in my section knew nothing and would never be able to help you. They would make things up and contradict themselves over and over again. They didn't even check your work afterwards and did not know anything. Not sure how they became TF's when they clearly don't know physics
 - The Labs can be confusing sometimes, but most of the time they're ok.
 - Lectures are too early
 - topic does not really connect with each other.
-

Responses

Are there any courses you would have taken this summer that were not on the schedule? -

- none
- No
- I would have taken a Neuro elective if there were more of them on the schedule
- no
- No

Responses

- No
- RN106
- No
- I am taking an EMT Course at BU.
- No
- N/A
- no
- No,
- None.
- Nope
- no
- Chem but it didn't fit. I
- N/A
- No
- nope
- No
- no
- no
- No
- no
- no.
- n/a
- No
- no

Responses

- yes a few
 - No
 - no
-

Responses

Do you have any other comments about your summer experience at Boston University? -

- good
- No
- no
- No
- n/a
- pretty good so far.
- no
- No
- good!
- no
- commuting is rough when a course is every day 8:30 AM.
- I think that the summer term is a little bit too intensive
- nope
- It's better than the normal school year in terms. Environment was much friendlier, open to learning.
- N/A
- It's challenging in this timeframe.
- no
- It was great!

Responses

- I wish Mr.V taught spring physics
 - Summer classes are great here - while they are intense, they are well thought through and taught by the best professors in the department.
 - no
 - Fast pace, sacrifices quality of learning
 - No
 - I found the summer classes to be easier than regular classes. Everyone says that they are fast paced, however, they are good paced so you are forced to read the material everyday.
 - It has been great. Thank you!
 - None
 - No. Thank you!
 - no
 - Summer was great very well organized
 - No
 - none
 - Labs are at awkward times
-

PY 105 (A1): Elementary Physics 1

Quantitative

88 Students Enrolled
74 Students Responded
84.09% Response Rate

Please answer the following questions using the given scale.

	N/A	1 - Poor	2	3	4	5 - Superior	Mean	Standard Deviation	Did Not Answer	Total Responses
The extent to which you found the class intellectually challenging	1.35% 1	0% 0	2.7% 2	28.38% 21	47.3% 35	20.27% 15	3.86	0.76	0	74
The extent that assignments furthered your understanding of course content	1.35% 1	0% 0	0% 0	9.46% 7	37.84% 28	51.35% 38	4.42	0.66	0	74
The extent that the class normally met the required number of hours	1.35% 1	0% 0	1.35% 1	12.16% 9	24.32% 18	60.81% 45	4.47	0.76	0	74
I found the textbook/cases/course materials	1.35% 1	2.7% 2	8.11% 6	20.27% 15	32.43% 24	35.14% 26	3.9	1.06	0	74
The extent to which I would recommend this course to others	1.35% 1	1.35% 1	6.76% 5	14.86% 11	20.27% 15	55.41% 41	4.23	1.03	0	74
I would rate the course overall as	1.35% 1	0% 0	5.41% 4	17.57% 13	33.78% 25	41.89% 31	4.14	0.9	0	74

Please answer the following questions using the given scale.

	N/A	1 - Poor	2	3	4	5 - Superior	Mean	Standard Deviation	Did Not Answer	Total Responses
The instructor's ability to present material is	0% 0	2.78% 2	0% 0	18.06% 13	34.72% 25	44.44% 32	4.18	0.92	0	72
I would rate the instructor's enthusiasm as	0% 0	0% 0	4.17% 3	13.89% 10	30.56% 22	51.39% 37	4.29	0.86	0	72
The instructor's ability to encourage questions/discussion is	0% 0	2.78% 2	8.33% 6	18.06% 13	29.17% 21	41.67% 30	3.99	1.09	0	72
The instructor's mastery of the course materials is	0% 0	0% 0	0% 0	1.39% 1	19.44% 14	79.17% 57	4.78	0.45	0	72
The extent to which the instructor's grading criteria are clear and fair	0% 0	0% 0	1.39% 1	5.56% 4	31.94% 23	61.11% 44	4.53	0.67	0	72
The extent to which the instructor returned assignments in a timely manner	0% 0	0% 0	0% 0	2.78% 2	13.89% 10	83.33% 60	4.81	0.46	0	72
The instructor's overall rating is	0% 0	0% 0	2.78% 2	11.11% 8	30.56% 22	55.56% 40	4.39	0.79	0	72

	1 - Poor	2	3	4	5 - Superior	Mean	Standard Deviation	Did Not Answer	Total Responses
--	-----------------	----------	----------	----------	---------------------	-------------	---------------------------	-----------------------	------------------------

	1 - Poor	2	3	4	5 - Superior	Mean	Standard Deviation	Did Not Answer	Total Responses
How would you rate your Boston University Summer Term experience, overall?	1.39%	5.56%	16.67%	38.89%	37.5%	4.06	0.94	0	72
	1	4	12	28	27				

	Yes	No (What school do you regularly attend?)	Did Not Answer	Total Responses
Are you a Boston University student?	76.39%	23.61%	0	72
	55	17		

	Yes	No	Did Not Answer	Total Responses
Are you an international student?	20.83%	79.17%	0	72
	15	57		

	C or less	C+ to B-	B, B+	A-, A	Did Not Answer	Total Responses
What grade do you expect to receive in the course/	1.39%	5.56%	16.67%	76.39%	0	72
	1	4	12	55		

PY 105 (A1): Elementary Physics 1

Segment Comparison

88 Students Enrolled
74 Students Responded
84.09% Response Rate

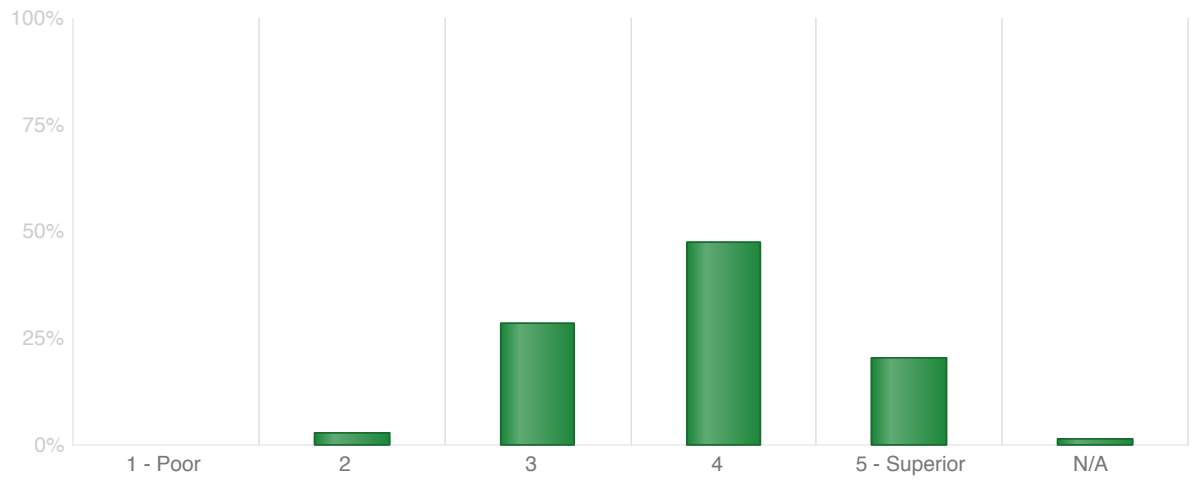
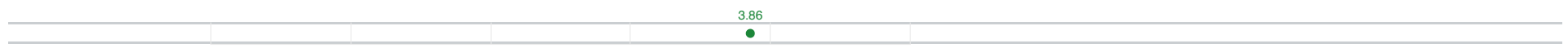
Select segment to compare your course to

● Your Course Compared To No Segment

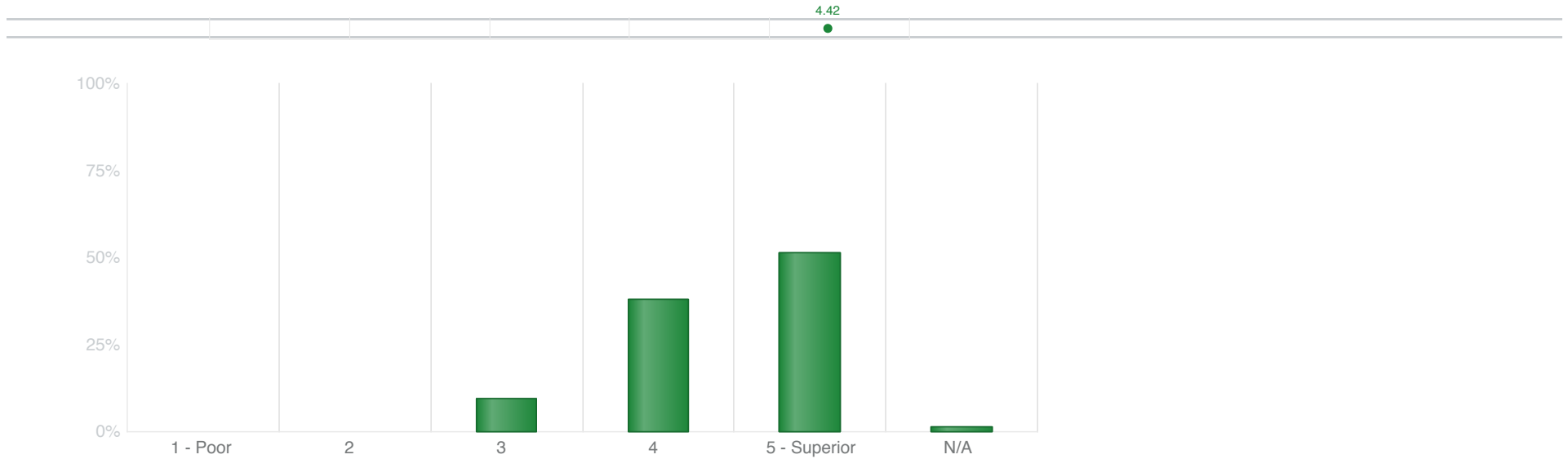
1 - Poor	2	3	4	5 - Superior	N/A	Mean Difference
----------	---	---	---	--------------	-----	-----------------

Please answer the following questions using the given scale.

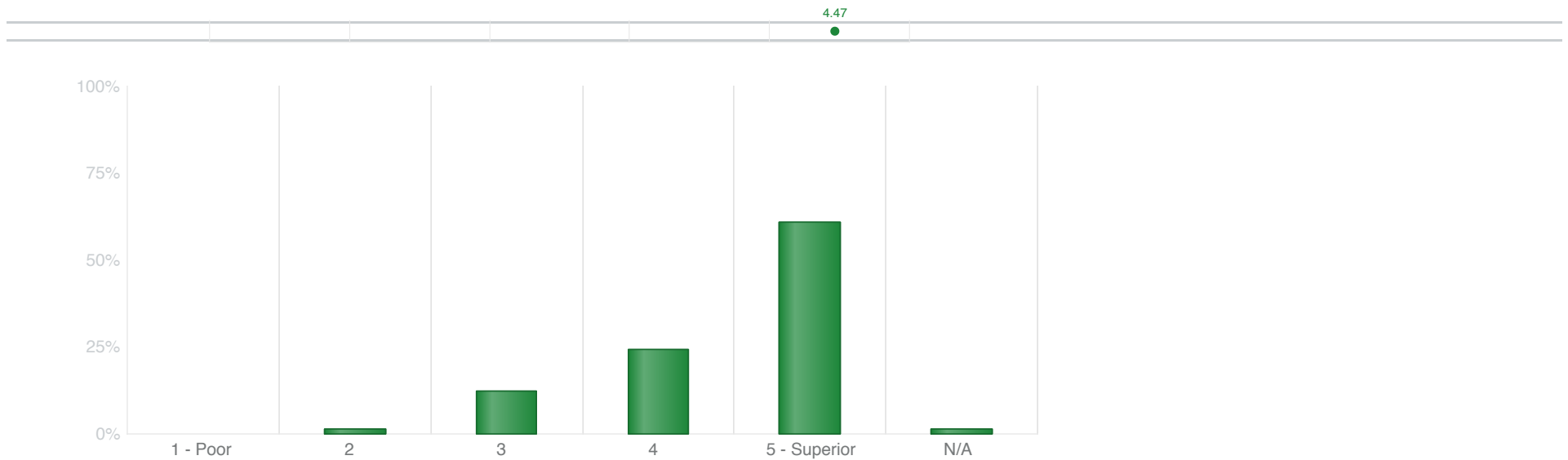
The extent to which you found the class intellectually challenging



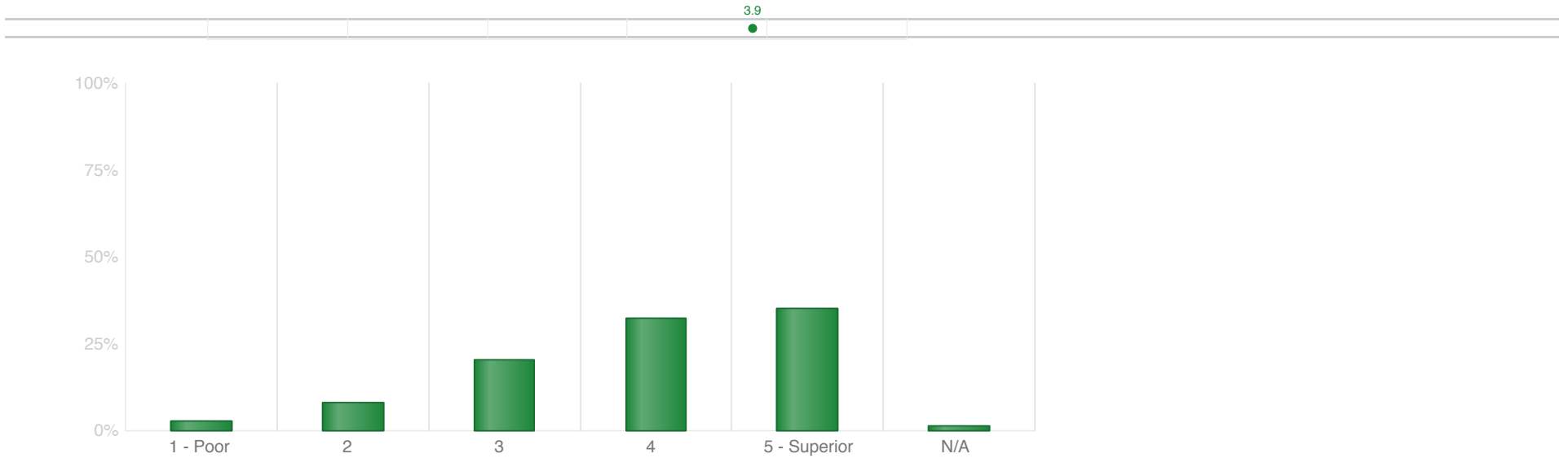
The extent that assignments furthered your understanding of course content



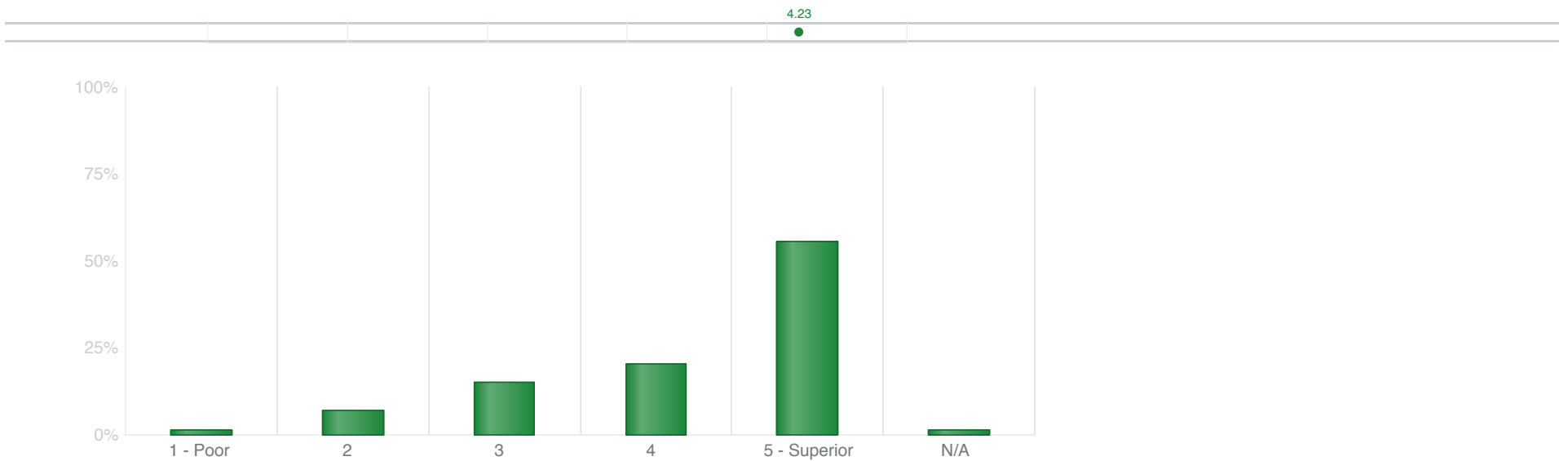
The extent that the class normally met the required number of hours



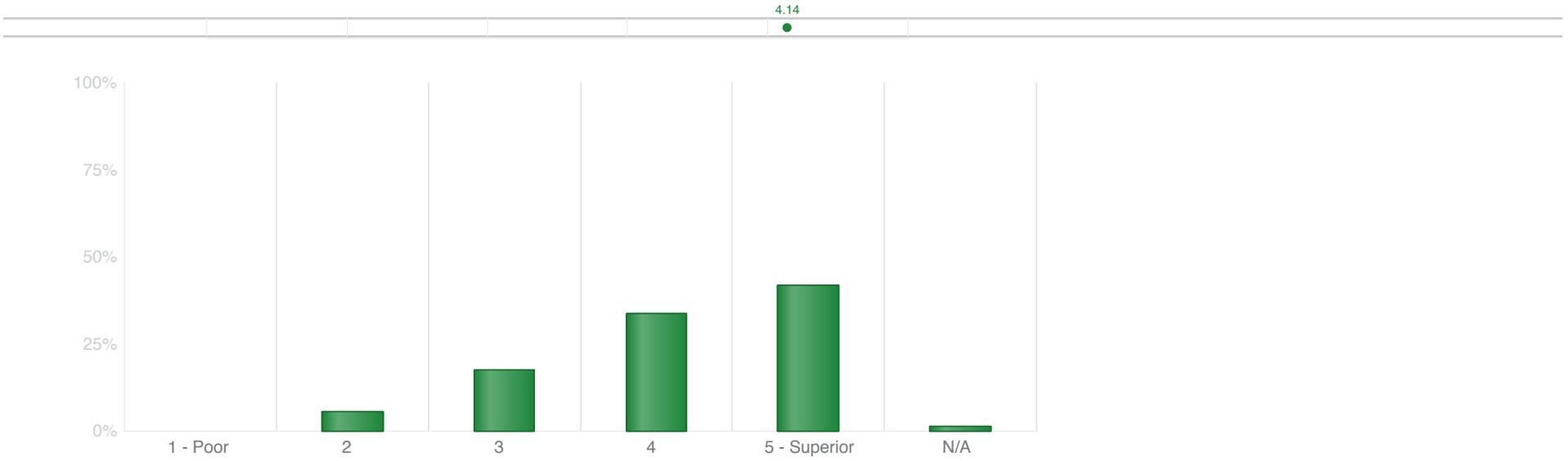
I found the textbook/cases/course materials



The extent to which I would recommend this course to others

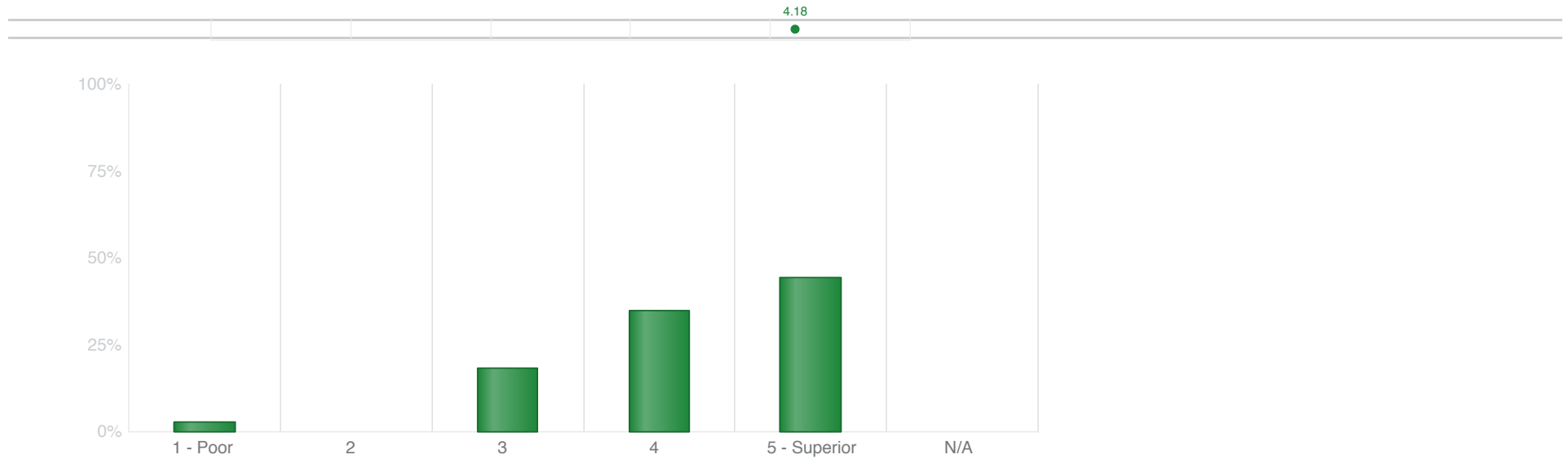


I would rate the course overall as

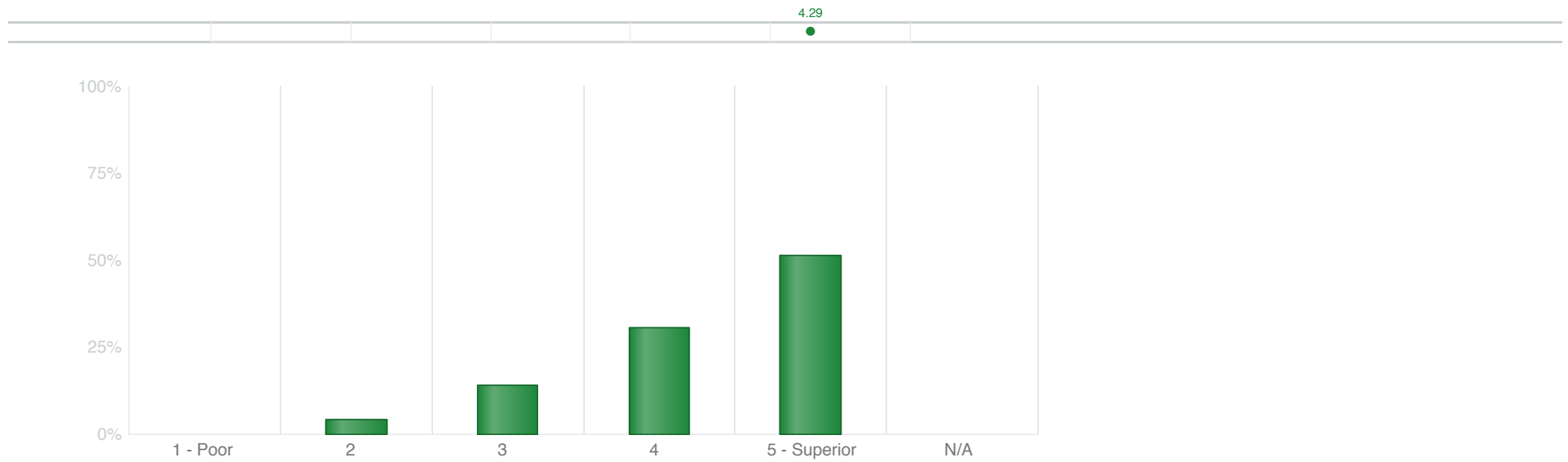


Please answer the following questions using the given scale.

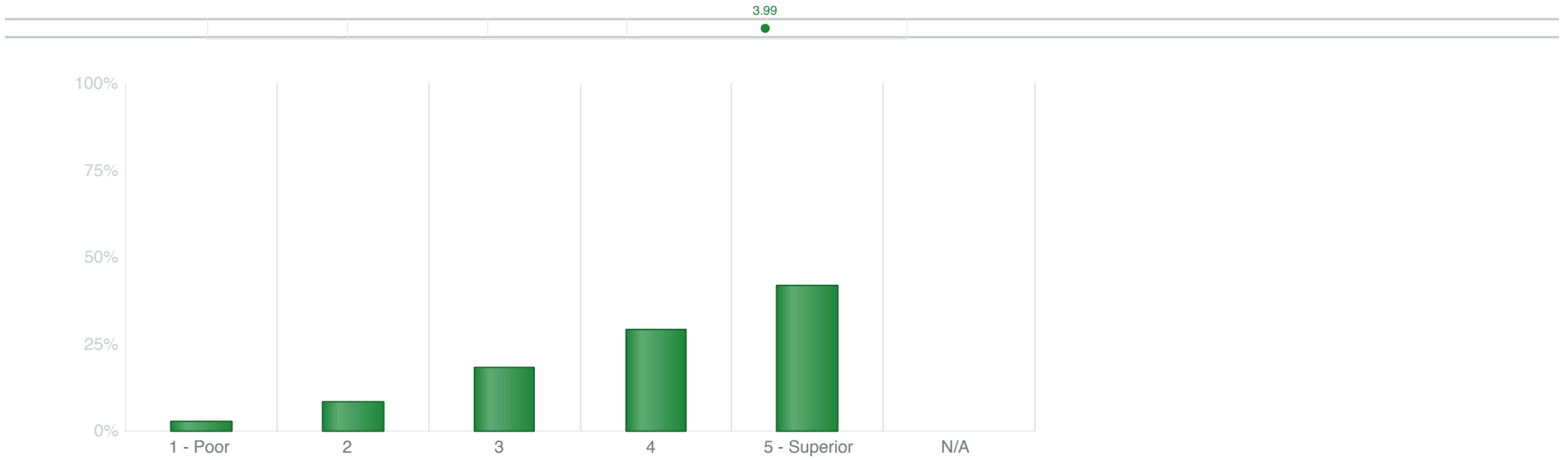
The instructor's ability to present material is



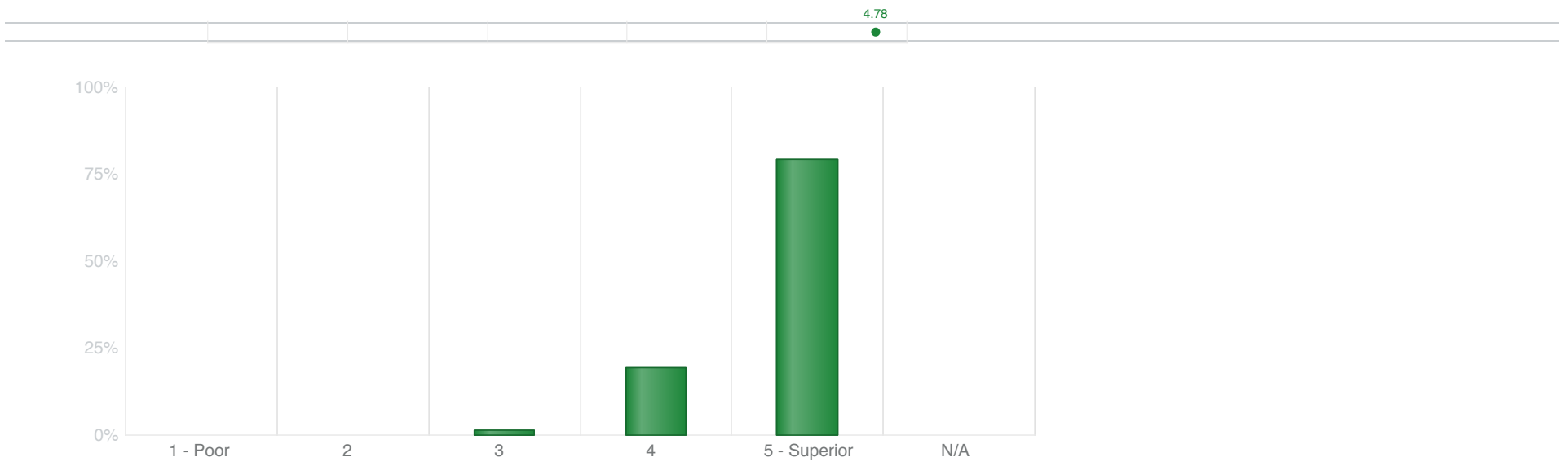
I would rate the instructor's enthusiasm as



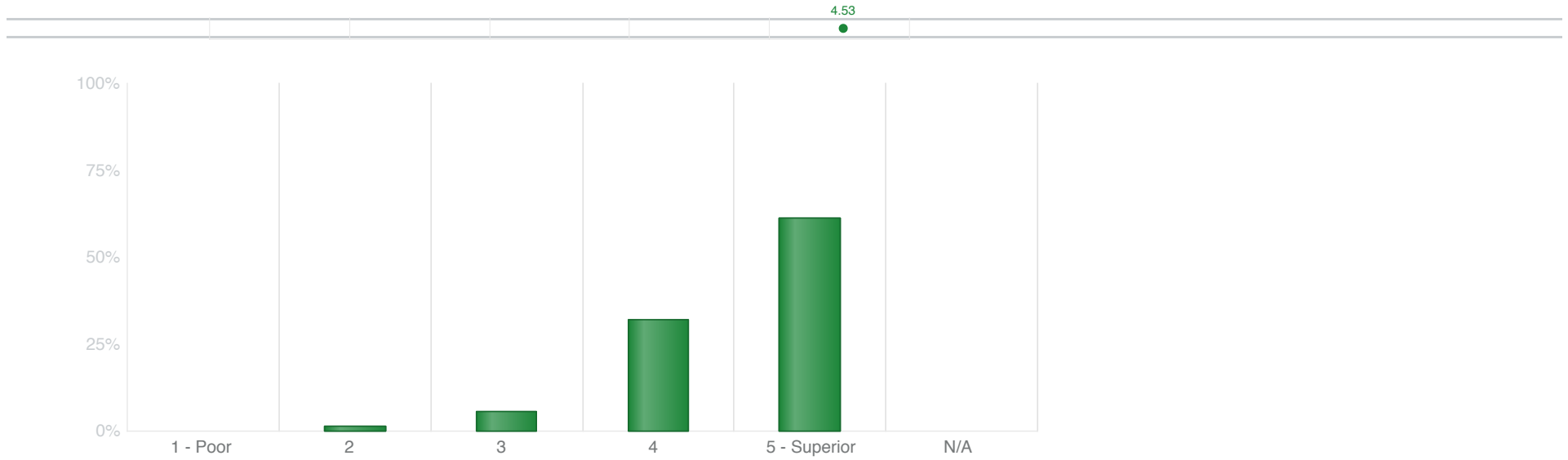
The instructor's ability to encourage questions/discussion is



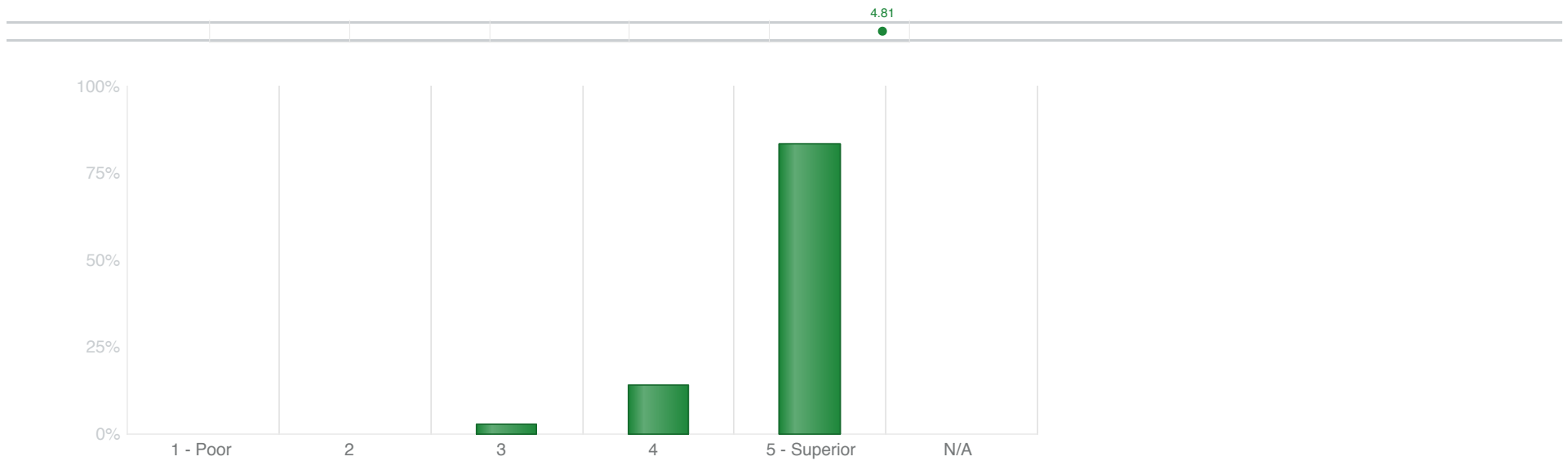
The instructor's mastery of the course materials is



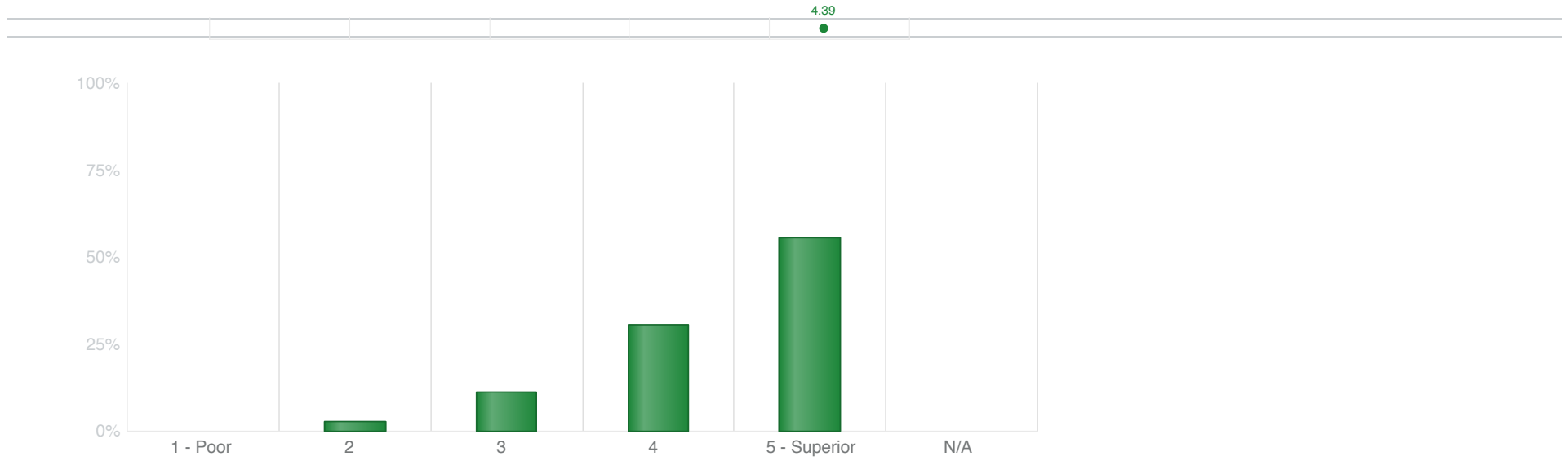
The extent to which the instructor's grading criteria are clear and fair



The extent to which the instructor returned assignments in a timely manner

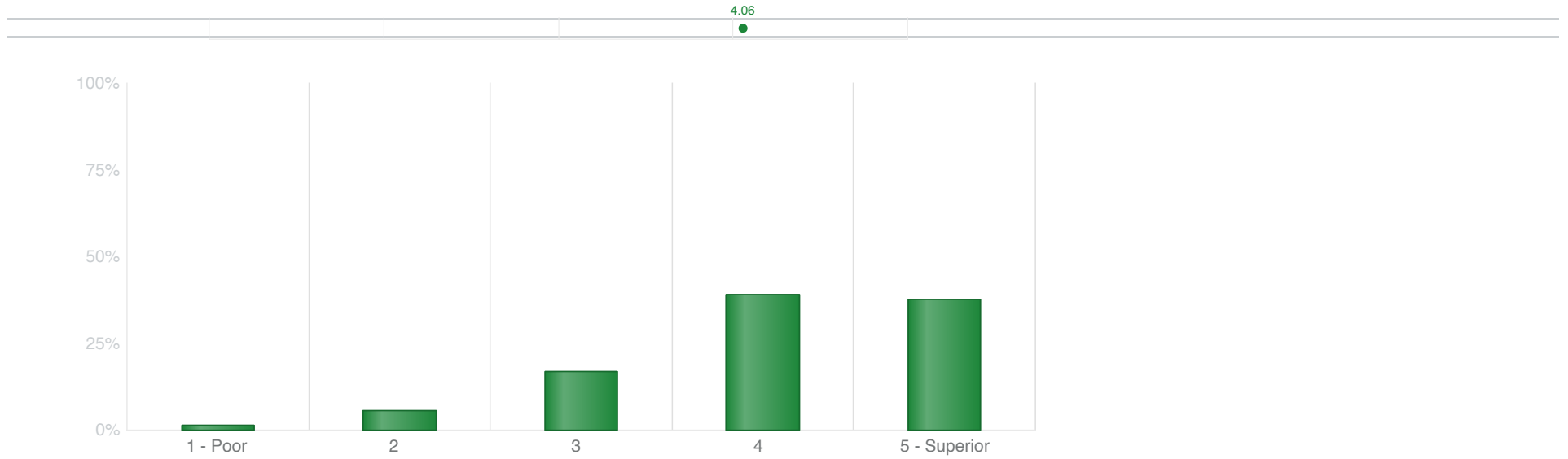


The instructor's overall rating is



1 - Poor	2	3	4	5 - Superior	Mean Difference
----------	---	---	---	--------------	-----------------

How would you rate your Boston University Summer Term experience, overall?

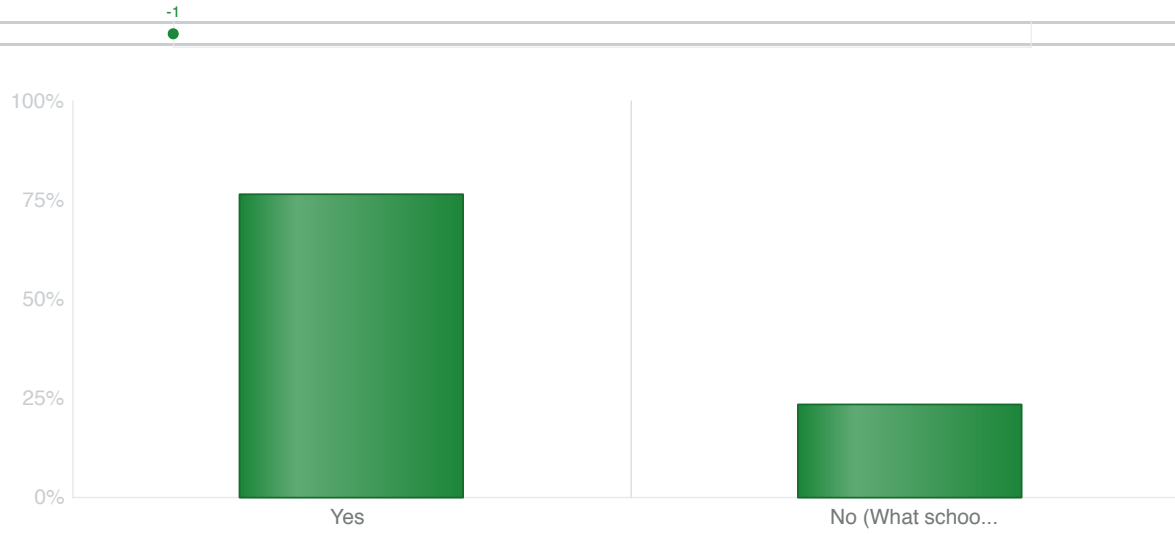


Yes

No (What school do you regularly attend?)

Mean Difference

Are you a Boston University student?

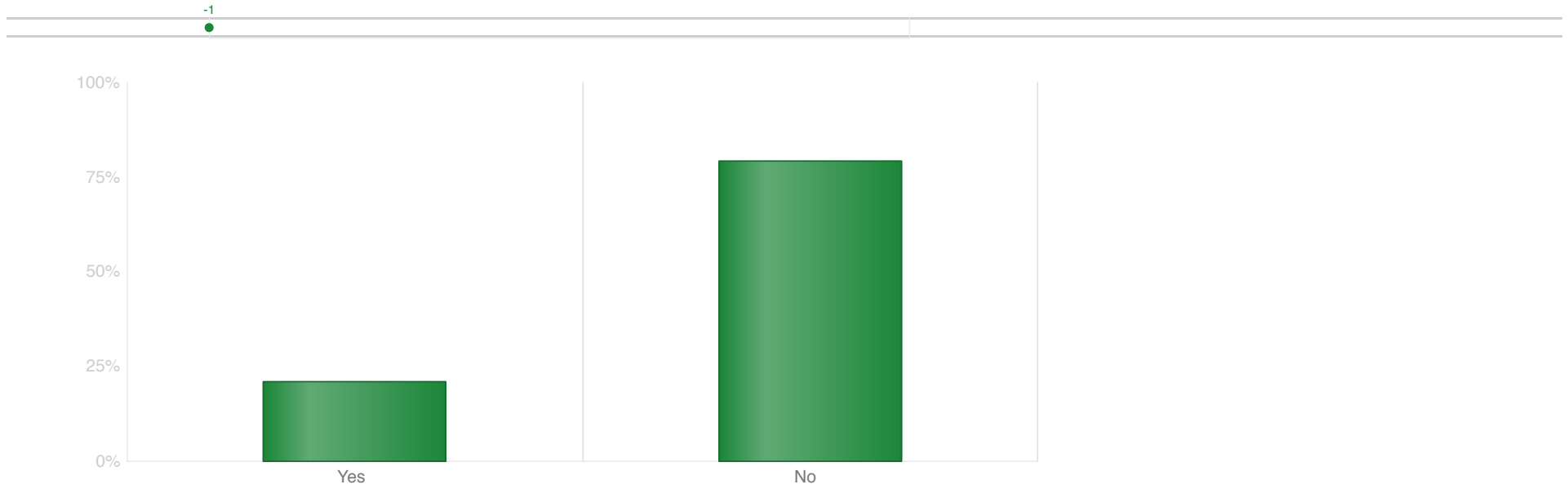


Yes

No

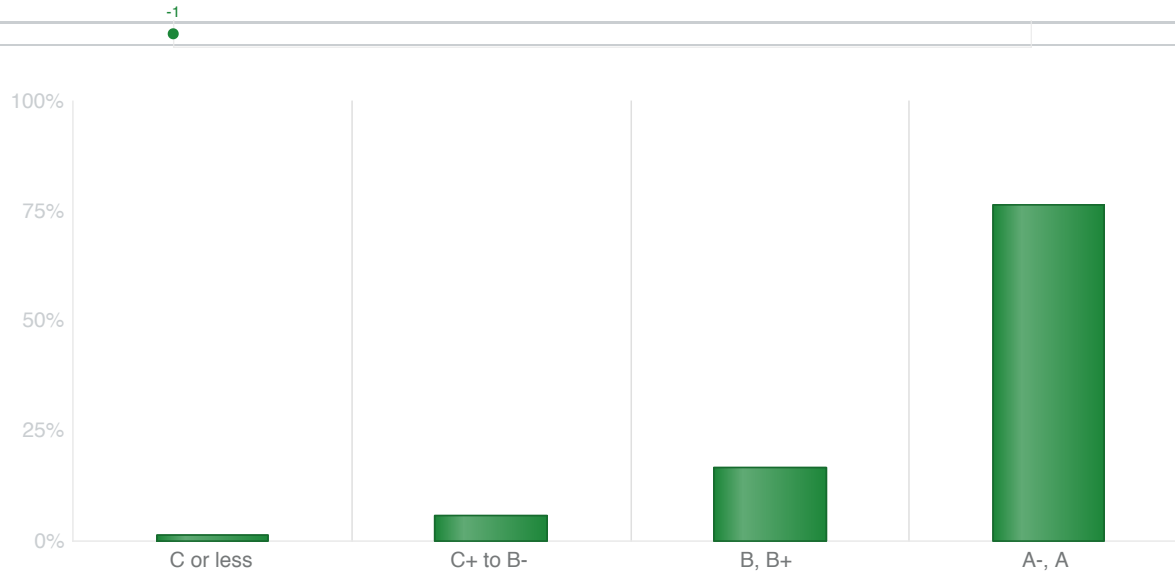
Mean Difference

Are you an international student?



C or less	C+ to B-	B, B+	A-, A	Mean Difference
-----------	----------	-------	-------	-----------------

What grade do you expect to receive in the course/



© 2019 Campus Labs