

COURSE ASSESSMENT REPORTS - My Specific Faculty Comments

Course: MATH 020 Probability
Term: 202109 - Fall Term 2021

Instructor: **Jan Glaubitz**

Question: Comment on 1-3 things that the professor did well and should continue to do in the future:

1	Funny and engaging during lectures
2	Give well-thought-out examples in class, accessible office hours
3	He explained thing very clearly and gave a good summary of content learned previously which was nice as from one week to the next there were 6 days between lecture
4	I liked how the professor was very helpful in his elaborations, lectures, and explanation. He was very straightforward and caring when it came to students' time.
5	I thought the group homework format was really effective, and the homework sessions were a nice touch as well.
6	Lectures were a good length and relatively clear; the in class examples were great for reinforcing material
7	Prof. Glaubitz delivered extremely clear lectures, was always understanding and empathetic, and also made an effort to learn all of our names. Each of these things, although they may seem small, really made a big difference in the course.
8	Prof. Glaubitz was very friendly and approachable. He was a pleasure to interact with and was very open to students' questions. He also explained concepts pretty clearly.
9	Professor Glaubitz is incredibly organized and clear. He is always open to questions and offers amazing clarifying remarks. He gives positive feedback constantly. He maintains a good teaching environment by always smiling and showing that he is in a good mood; if he is enjoying his own lecture, we probably are too.
10	Professor Glaubitz made sure to explain everything carefully and spend enough time to make sure everyone understood the material. He also was very kind and cared about teaching for us. Group problem solving homework was a nice change for me.
11	Responded quickly, answered questions thoroughly
12	Short lecture sessions
13	The professor did a good job of being engaging during the lectures.
14	The professor has a clear and concise explanation of the concepts, and effectively explained the reasoning behind said concepts by elucidating the proofs explaining the concepts explained in the class.
15	The professor held a lot of office hours which was good.
16	The professor knew how to explain the course material in an interesting way, I was not bored in his class.
17	The professor presented the material very clearly and gave good motivating examples.
18	The professor was a great lecturer and understood his students well.
19	Writing out the full problem and solution on the blackboard was very helpful
20	lectures were great! the material was organized well and there was a nice blend of theorems and examples. The pacing was also good, I had enough time to take good notes. A 2 hour lecture is tough, but these were not so bad.

Course: MATH 020 Probability
Term: 202109 - Fall Term 2021

Instructor: **Jan Glaubitz**

Question: Comment on 1-3 things that the professor should focus on to improve their classroom effectiveness:

1	Can't think of anything
2	Don't have to write out every single word in the board during lectures, maybe give an overview of the intuition behind some concepts first before mathematically defining them
3	I really liked the professor's lecture style and have no comments.
4	I think Professor moved too slow during the course because he did not want to leave anyone behind, but this led to many important things at the end of the course being left out.
5	I think that the professor was really great in terms of classroom effectiveness. Having a break during lecture (especially the 2 hour blocks), as well as using the x-hour instead of one of the actual lecture slots was a smart decision as well.
6	I thought there was a good amount of time wasted in class, especially with clearing the whiteboards. Though I appreciated the breaks, I don't think we covered all of the material that we should have.
7	I thought this class was very good, but it would be nice to learn a little bit about the applications/reasoning why we'd want to solve certain problems
8	Maybe cut down the wordiness of actual notes on board, but wan't ever a problem for me really
9	More engaging in class
10	More practice problems in class that are similar to what we would see in homeworks or exams
11	N/A
12	N/A.
13	Not much, professor Glaubitz was great!
14	The pace could be a bit faster, and we could do more practice problems to reinforce the content. Rather than students presenting the homework problems for example, we could use that time block to do more practice problems.
15	The professor could make us do problems in class, could ask more questions to check our understanding, and could make us do more homework problems.

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Term: 202109 - Fall Term 2021

Instructor: **Jan Glaubitz**

Question: Add any specific recommendations on how the professor is assessing the course work and giving feedback to students that you believe would be useful:

1	Exam and homework feedback was sufficient.
2	I have no specific recommendations.
3	I think having more midterms would be helpful.
4	I think the professor did a good job assessing the course work, though I regret not building a more personal connection with the instructor.
5	I've never been a fan of group homework, so I think having more individual assignments would be good.
6	More practice or quizzes that are weighted less than the two exams to not put so much pressure on just two exams
7	N/A
8	N/A.
9	Nope
10	Nope! I thought all was well.
11	Nope, there was always ample opportunity to get feedback and correct solutions on assignments
12	Professor has graders grade weekly homework, then grades the exams himself.
13	The exams take too much of the final grade, and they are too low in points that a small mistake can lower your final grade by 2%. I think either the percentage of the exams should be lowered, or the exams should consist of enough problems that one point on the exam does not correspond to 1% of the final grade, it corresponds to a much lower percentage of the final grade. Additionally, 2 points for the multiple choice questions is too much, I think it should be 1 point each.
14	The professor's assessments of the course work were fair, and to be honest, not too difficult.

COURSE ASSESSMENT REPORTS - Non-Faculty Specific Comments

Course: MATH 020 Probability
 Term: 202109 - Fall Term 2021
 Instructor: Jan Glaubitz
 Question Section: **Course Design and Effectiveness**

Question: Comment on the aspects of the course that you think were most effective:

1	Following the textbook was helpful. I could catch up after I missed a few sick days.
2	Homeworks
3	I enjoyed the types of lecture the professor held.
4	I liked working with my team to do all the homework assignments.
5	I thought how professor Glaubitz organized classroom time and the weekly schedule was effective. Furthermore, his teaching was clear and efficient as well.
6	I thought that the group problem sets were an effective way to learn the material in dialogue with others. I think that the problem review sessions were an effective way to review the problem sets, as in many other classes problem sets are merely completed and then forgotten.
7	Less class time devoted to lecture was nice, time for working on and discussing homework = helpful
8	Problem set sessions to go over the homeworks, office hours
9	The course logically built off of itself and covered all of the background material necessary.
10	The homework being done in groups were really helpful in that one could easily get help in a question they got stuck, and it made the students interact with each other more. Also setting a class block aside for something outside of lecture is refreshing.
11	The lectures prepared you for the homework, and the homework prepared you for the test.
12	The lectures were the most effective aspects of the course.
13	The lectures were very clear, and the homework reinforced concepts well.
14	The material was explained clearly, with examples for many theorems.
15	The professor was the best math professor I had so far.
16	Tuesday homework review was nice to mix in with Wednesday and Thursday lectures (which were extremely high-quality and easy to follow). Also, the group homeworks provided a nice setting to test my understanding of concepts.
17	group home works were very helpful
18	problem sets, going over homeworks together as a class
19	the lectures/whole course were very well organised

Course: MATH 020 Probability
 Term: 202109 - Fall Term 2021
 Instructor: Jan Glaubitz
 Question Section: **Course Design and Effectiveness**

Question: Comment on 1-3 aspects of the course that could be improved or enhanced:

1	I can't think of any
2	I felt like not enough time was spent in lecture/discussion, and the group nature of the homeworks made the workload almost too light and it didn't feel like I was internalizing the material well enough.
3	I think we should have at least tried to cover other topics like certain distributions and Markov chains
4	I thought that the way the course was executed as a whole was very good, and not much needs to be improved. A convenience factor is perhaps maybe not scheduling it in the 3B block (seems late in the day).
5	I thought the pace of the course was pretty slow and we wasted some time in class.
6	I wish the course moved at a slightly faster pace.
7	I would have liked more inclusion of real-world applications of probability, and more in-depth analysis of the topics presented beyond the scope of the textbook. While I enjoyed the class, I thought the class could have a lot more depth.
8	More assessments so that the whole grade isn't dependent on two exams.
9	More practice problems would be helpful! Lecture is basically just writing word for word what is written on the board. Could be more engaging Only offered office hrs once a week (I could never go because they were at an inconvenient time)
10	N/A.
11	Nothing really, good class
12	Perhaps a bit more clarity on which parts of the textbook to read would be helpful
13	Tell the students more math jokes.
14	The course moved pretty slow and did not cover some of the more interesting aspects of probability such as distributions. I think it would be worth it to skip some earlier material or move faster to get to the important parts of the course later.
15	The problems could be harder, more topics could be learned, and the lectures could be more engaging.
16	While creating homework groups, I think the students can be given the choice to join groups by themselves, but then the rest of the students who have not joined a group should be assigned to a group automatically by Canvas.
17	it was hard that there were relatively few questions on the midterm and final
18	the time of day the class was held was awkward for me, but on the whole the class itself was pretty solid.

Course: MATH 020 Probability
 Term: 202109 - Fall Term 2021
 Instructor: Jan Glaubitz
 Question Section: **Course Design and Effectiveness**

Question: How did you contribute to your own learning experience?

1	Attended class, contributed on homework
2	I am planning to be an applied math major so I am very interested in learning more about the course material beyond the scope of the class, so I also did some additional research using online resources and books that I have. I am excited to take more probability courses.
3	I attended almost all of the lectures, met separately with my homework group to do the assignments, and joined a group tutoring session for this course through the academic skills center
4	I contributed to my own learning by going over all my notes periodically throughout the term
5	I contributed to my own learning experience by completing the required assignments and showing up to lectures.
6	I didn't have to.
7	I learned to work in groups
8	I studied my notes and worked on weekly homework outside of class.
9	I was engaged in class and contributed to class discussion.
10	I was engaged with the course material and studied in my free time.
11	I went to lecture, actively contributed to the homeworks.
12	Made an effort to participate in group assignments and contribute
13	Practice outside of class
14	Took notes in class, worked diligently on homeworks, studied hard for tests, attended Prof. Glaubitz's office hours when I had questions, etc.
15	met with my group to do weekly homework assignments, looked through the textbook for examples when I was confused, asked questions as needed
16	working with my group on homework

COURSE ASSESSMENT REPORTS - Student Initiated Comments

Course: MATH 020 Probability
Term: 202109 - Fall Term 2021

Instructor: **Jan Glaubitz** Question: Comment on the methods of evaluation chosen by the instructor, e.g. tests, papers and examinations and the workload expected of students:

1	I didn't like how 70% of our grade was only two exams. I did poorly on the first exam, and that ended up severely affecting my final grade in the class, even though it was only one exam with 3 questions. I wish there were more questions on the exam, or maybe one more exam.
2	I enjoyed it. The tests were slightly stressful because of how big a percentage is. But the difficulty was reasonable and properly reflected how much I knew about the course.
3	I think that the course's grades relied heavily on examinations, which is a bit unfortunate because there are only two of them (the midterm and final together consisted of 70% of the overall grade)
4	I thought the homeworks and exams were representative of the course material, though I think the first midterm could've been a bit longer, as with only 3 questions, it is very easy to have a small mistake make a large impact on your grade.
5	One midterm and a final that makes up 70% of the final grade. One point in the exams correspond to 1% of the final grade. Homework is submitted in groups. One has to present a homework problem for 10% of the final grade. Workload is pretty manageable due to homework being done in groups.
6	Tests and hws are fair. Wish exams weren't such a large chunk of the grade. 70% is a lot
7	The course evaluation mainly consisted of tests (midterm and final) which is to be expected in a mathematics course, but the tests were very similar to the homework assignments and very fair.
8	The homeworks were a good way to asses what we learned in lectures, and I enjoyed them. Also, while our having just two exams made me a bit nervous, the exams were very fair and I have no complaints about their content.
9	The methods of evaluation consist of participation, homework assignments, and exams.
10	The methods of evaluation were suitable. There was a midterm and a final, both of which were reasonable. The workload was also manageable.
11	There was one homework assignment/lab every week. The questions quizzed the week's material. There were two manageable exams.
12	There was one midterm, one final, and eight homework assignments (one per week).
13	We had weekly homework sets, a midterm and a final
14	We had weekly problem sets that we worked on in groups of 2-5 people. We also had one midterm and a final exam. The workload was not very heavy.
15	Weekly homeworks submitted in groups. A participation grade, 1 midterm, and one final exam. Workload is definitely manageable.
16	Workload is well suited to the course, not super heavy but ensures you get the class material
17	group homework was helpful, more questions on the exams would have helped me
18	workload was manageable, evaluations were all fair. I had a good group for the homeworks, but I can imagine them being a nightmare with the wrong group.

Course: MATH 020 Probability
Term: 202109 - Fall Term 2021

Instructor: **Jan Glaubitz** Question: Comment on the structure of the class, for example the mix between lecture and discussion:

1	Almost all lectures as most math classes are. Excellent lectures
2	Class was lecture on Wed and Thur, but we used Tues to go over the previous week's homework and students presented their solutions.
3	Good mix
4	I liked that we had homework review sessions to go over problems as well as lectures during class time.
5	I liked the balance of lecture and then practice problems/proofs in groups.
6	It was primarily lecture, with almost no discussion except for during the homework sessions.
7	It was quite good!
8	Mostly lecture with x-hour homework discussion
9	The class consisted of two lecture blocks and one homework review block per week, which I think suited the course material very well.
10	The class primarily consists of lectures.
11	The class was split between 1 homework session per week and 2 lectures.
12	The course was lecture twice a week and homework discussion/presentation once a week
13	The professor lectured for two days and used the third day to go over the previous week's homework.
14	There were two lectures a week (Wednesday and Thursday) and one discussion to go over the homework led by peers (on Tuesday).
15	This class has had the most discussion out of any math class I've taken at Dartmouth so far. I'm counting the Tuesday sessions where we went over the last week's homework as discussion, and I think it was really helpful. Usually a lecture-only class works well for math classes, but this course had a refreshing balance.
16	Two class blocks of lecture, one class block for presenting homework solutions.
17	individual homework presentation sessions were very helpful

Course: MATH 020 Probability
Term: 202109 - Fall Term 2021

Instructor: **Jan Glaubitz** Question: How did this course influence your academic experience at Dartmouth?

1	I am planning to be an applied math major, and I am enthusiastic about my major now after taking my first major-level applied mathematics course.
2	I enjoyed the course and realized that some mid-tier math classes are now to slow moving for me.
3	I have more faith in the math department.
4	I liked the people in the class, the professor was super sweet, and the course was a breeze.
5	I thought it positively added to my academic experience at Dartmouth.
6	I was never good at probability in high school but this course made me understand. If I could do it you can do it too
7	I will continue with the probability/stats track
8	I'll definitely be taking more math classes because of it. Thanks Prof. Glaubitz, you're awesome!
9	It had a neutral influence on my academic experience at Dartmouth.
10	It reassured me that I should pursue a math major and that there were people, like Professor Glaubitz, deeply invested in my success.
11	Solidified my interest in the statistics minor
12	This course influenced my academic experience by enabling me to learn about a subject which I had an interest in.
13	This course was very enjoyable and a good introduction to my stats minor
14	This has been one of the better math classes I've taken at Dartmouth. It makes me feel better about pursuing future math classes as I work towards a minor.
15	Will be taking more stats courses
16	Will continue math major
17	interested in taking more probability or stats classes

Institutional Reporting and Analysis (IRA) Dartmouth College Course Comparison Report

This report compares course responses to the department/program, division and college responses.

Term 202109 - Fall Term 2021 Subject MATH-Mathematics Course 020-Probability Section 01 Question I think the overall effectiveness of the teaching was

Course Details

The following report will only include courses that have five or more students enrolled.

Department	Subject	Term	Course	Section	Instructor	Total Enrollment	Completed Course Assessment	Did Not Complete
MATH-Mathematics	MATH-Mathematics	202109 - Fall Term 2021	020-Probability	01	Jan Glaubitz	33	32	1

Results

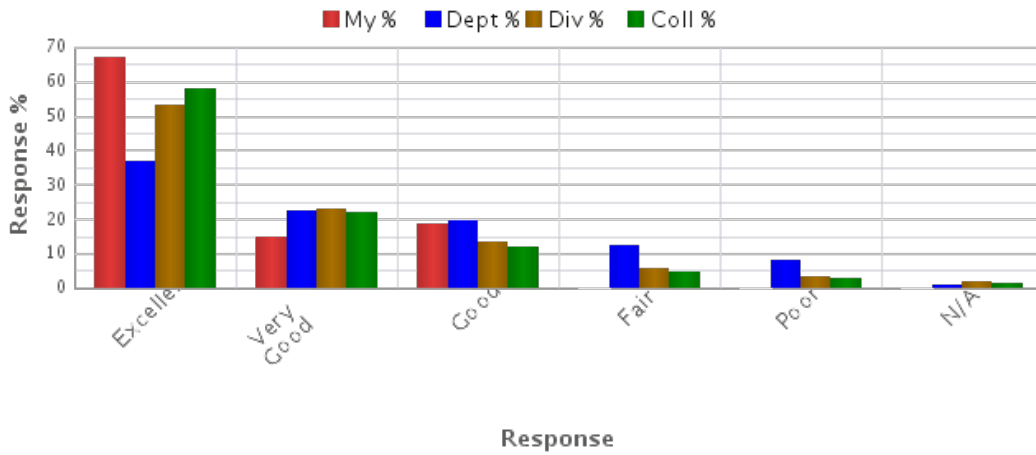
i Your course data is not included in the Department/Program, Division and College %.

Name

Jan Glaubitz

202109 - Fall Term 2021 MATH 020 01 Probability

I think the overall effectiveness of the teaching was



Response	My %	Dept %	Div %	Coll %
Excellent	66.7%	36.7%	53.0%	57.9%
Very Good	14.8%	22.4%	22.8%	21.8%
Good	18.5%	19.8%	13.5%	11.9%
Fair	0.0%	12.4%	5.8%	4.8%
Poor	0.0%	8.0%	3.3%	2.6%
N/A	0.0%	0.7%	1.6%	1.2%

Report ID: CA410 v2.0.0

Institutional Reporting and Analysis (IRA) Dartmouth College Course Comparison Report

8/18/2022 12:43:30 PM

This report compares course responses to the department/program, division and college responses.

Term 202109 - Fall Term 2021 Subject MATH-Mathematics Course 020-Probability Section 01 Question I was intellectually engaged in the course.

Course Details

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MATH-Mathematics	MATH-Mathematics	202109 - Fall Term 2021	020-Probability	01	Jan Glaubitz	33	32	1

Results

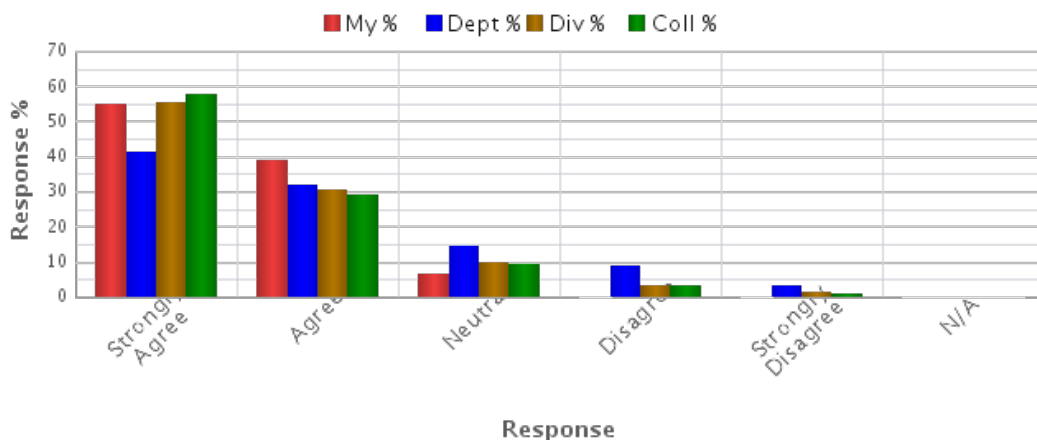
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Name

Jan Glaubitz

202109 - Fall Term 2021 MATH 020 01 Probability

I was intellectually engaged in the course.



Response	My %	Dept %	Div %	Coll %
Strongly Agree	54.8%	41.1%	55.1%	57.5%
Agree	38.7%	31.9%	30.4%	29.1%
Neutral	6.5%	14.6%	9.8%	9.2%
Disagree	0.0%	8.9%	3.2%	3.0%
Strongly Disagree	0.0%	3.4%	1.2%	1.0%
N/A	0.0%	0.1%	0.3%	0.1%

Report ID: CA410 v2.0.0

Institutional Reporting and Analysis (IRA) Dartmouth College Course Comparison Report

8/18/2022 12:39:00 PM

This report compares course responses to the department/program, division and college responses.

Term 202109 - Fall Term 2021 Subject MATH-Mathematics Course 020-Probability Section 01 Question I learned a lot in the course.

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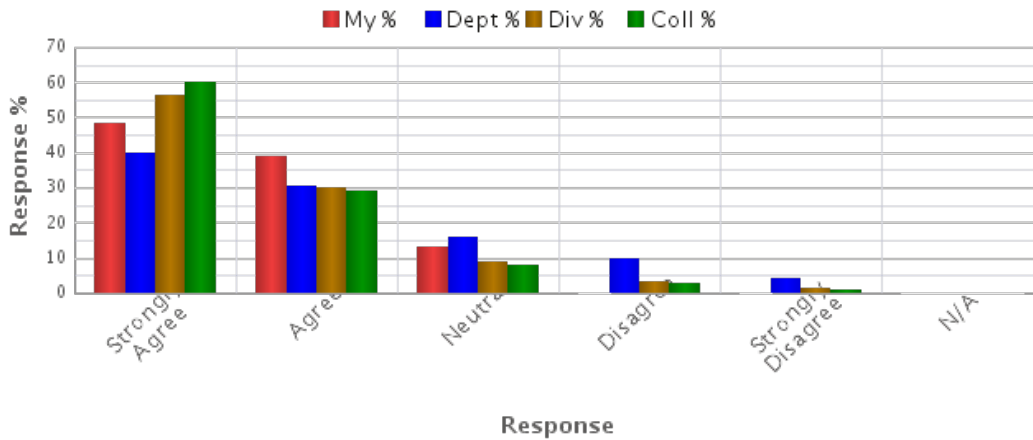
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Name

Jan Glaubitz

202109 - Fall Term 2021 MATH 020 01 Probability

I learned a lot in the course.



Response	My %	Dept %	Div %	Coll %
Strongly Agree	48.4%	39.5%	56.0%	59.9%
Agree	38.7%	30.6%	30.1%	28.7%
Neutral	12.9%	15.7%	9.0%	7.8%
Disagree	0.0%	9.8%	3.2%	2.5%
Strongly Disagree	0.0%	4.2%	1.3%	1.0%
N/A	0.0%	0.3%	0.4%	0.1%

Institutional Reporting and Analysis (IRA) Dartmouth College Course Comparison Report

This report compares course responses to the department/program, division and college responses.

Term 202109 - Fall Term 2021 Subject MATH-Mathematics Course 020-Probability Section 01 Question 1 found the course to be well organized

Course Details

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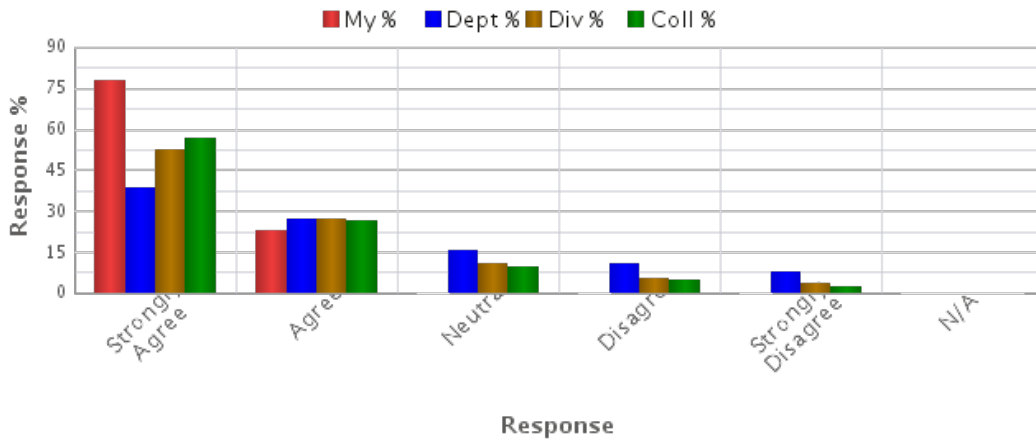
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Name

Jan Glaubitz

202109 - Fall Term 2021 MATH 020 01 Probability

I found the course to be well organized



Response	My %	Dept %	Div %	Coll %
Strongly Agree	77.4%	38.3%	52.6%	56.4%
Agree	22.6%	27.2%	27.1%	26.7%
Neutral	0.0%	15.8%	10.9%	9.8%
Disagree	0.0%	10.9%	5.5%	4.5%
Strongly Disagree	0.0%	7.5%	3.4%	2.5%
N/A	0.0%	0.3%	0.5%	0.1%

Institutional Reporting and Analysis (IRA) Dartmouth College Course Comparison Report

This report compares course responses to the department/program, division and college responses.

Term 202109 - Fall Term 2021 Subject MATH-Mathematics Course 020-Probability Section 01 Question I think the overall quality of the course was

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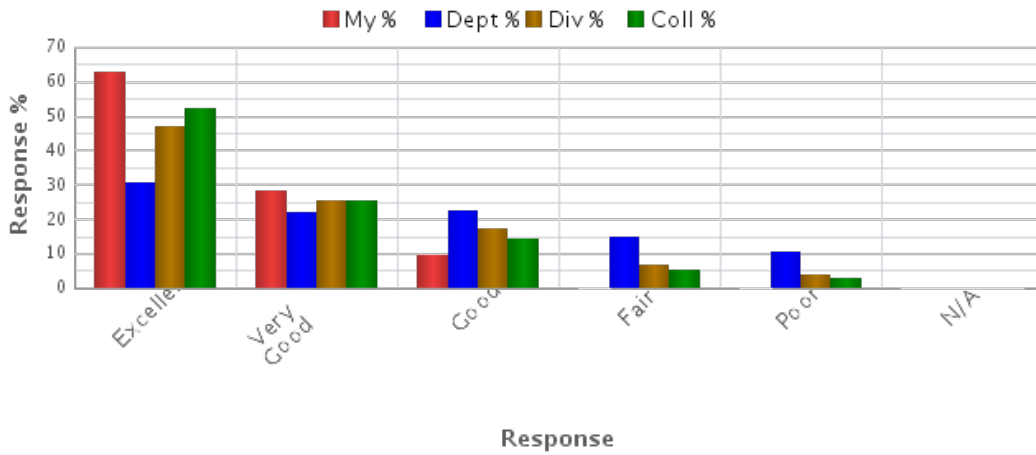
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Name

Jan Glaubitz

202109 - Fall Term 2021 MATH 020 01 Probability

I think the overall quality of the course was



Response	My %	Dept %	Div %	Coll %
Excellent	62.5%	30.6%	47.0%	52.2%
Very Good	28.1%	21.8%	25.2%	25.5%
Good	9.4%	22.2%	17.1%	14.4%
Fair	0.0%	15.0%	6.5%	5.1%
Poor	0.0%	10.2%	3.9%	2.7%
N/A	0.0%	0.1%	0.4%	0.1%

Report ID: CA410 v2.0.0

Institutional Reporting and Analysis (IRA) Dartmouth College Course Comparison Report

8/18/2022 12:49:31 PM

This report compares course responses to the department/program, division and college responses.

Term 202109 - Fall Term
2021

Subject MATH-
Mathematics

Course 020-
Probability

Section 01 Question The professor challenged me to think critically about the course material

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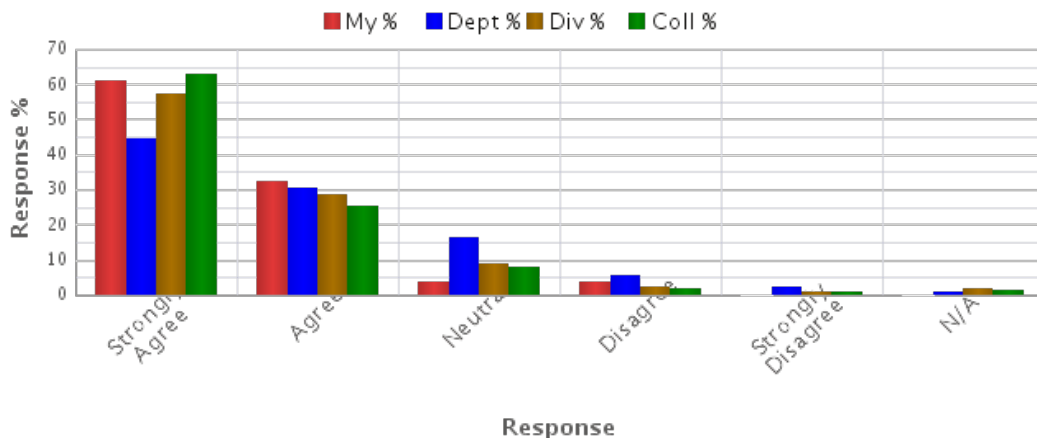
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Name

Jan Glaubitz

202109 - Fall Term 2021 MATH 020 01 Probability

The professor challenged me to think critically about the course material



Response	My %	Dept %	Div %	Coll %
Strongly Agree	60.7%	44.2%	57.2%	62.5%
Agree	32.1%	30.4%	28.6%	25.3%
Neutral	3.6%	16.5%	9.0%	8.0%
Disagree	3.6%	5.6%	2.4%	2.0%
Strongly Disagree	0.0%	2.3%	1.0%	0.9%
N/A	0.0%	0.8%	1.7%	1.3%