

COURSE ASSESSMENT REPORTS - Non-Faculty Specific Comments

Course: MATH 020 Probability
 Term: 202209 - Fall Term 2022
 Instructor: Jan Glaubitz

Question Section **Course Design and Effectiveness** Question:

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

1.00	Great Lecturing
2.00	Great, helpful lectures. TA was also made themselves very available and open to going over complex topics, especially prior to examinations.
3.00	Homework sets
4.00	I don't think this course covered probability in breadth, but I appreciated getting into the depth of the most fundamental topics.
5.00	I thought the lectures were very well done
6.00	Lectures were engaging and taught me the material well. Assessments of learning were fair.
7.00	Prof Jan's teaching strategy works wonderfully for a math prof - he goes at just the right pace for students to follow and ask questions, and it doesn't feel rushed or pressurizing like other math courses. The group homework is a genius idea I wish other courses also made use of - it helped all of us engage more intellectually when we had to explain our answers to each other. I maintain homework is always better done in groups.
8.00	Professor Glaubitz's lectures were the most effective part of the class.
9.00	The assignments and lectures reinforced my understanding of the material.
10.00	The lectures and textbook are really helpful.
11.00	The lectures were very organized and the homework reinforced my learning well.
12.00	Very interesting content! Found it kind of similar to statistics but with a bit more calculus
13.00	great lecture content and flow of the material--built on itself and made a lot of sense
14.00	problem sets
15.00	we went really slow and covered everything one would need to know to proceed to the next step
16.00	x

Course: MATH 020 Probability
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Question Section **Course Design and Effectiveness** Question:

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

1.00	A lot was taken from the textbook, which made studying more of just memorizing the problems in the textbook.
2.00	Could be more practice problems
3.00	I think the participation aspect of the course should be based on in-class participation; this term we had a very strange "answer-presentation" system that didn't really help anyone.
4.00	Lectures, often we covered a very abstract/vague example quite unrelated to the assigned homework
5.00	More content delivered in lectures
6.00	None, I think the pace and the difficulty of the course is great
7.00	None.
8.00	Nothing that I can think of.
9.00	The collaborative approach to homework seemed a little counter-productive to me, at least for this course. I also felt like the homework problems were all over the place in terms of type, difficulty, and how clearly they related to the content of the lectures.
10.00	The course is pretty perfect.
11.00	The homework review sections were only necessary for the participation grade. Other than that, they weren't helpful.
12.00	perhaps the explanations and motivations of the proofs could be better explained--sometimes they were pulled out of thin air leaving the class wondering why or how one would even think to do such a thing
13.00	would have been better to have more weekly problems having practice exams would have been nice
14.00	x

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Question Section **Course Design and Effectiveness** Question:

How did you contribute to your own learning experience?

1.00	I reviewed lecture notes regularly.
2.00	I studied notes outside of class
3.00	I went to class and completed necessary assignments.
4.00	Participated in class and completed all assignments.
5.00	Reviewed textbook and watched videos on YouTube and Khan Academy
6.00	Reviewing the textbook and notes outside of class

7.00	Went to lecture, did the homework, read the textbook along with the class.
8.00	Working in groups and revision after each class
9.00	Working in groups, asking the TA/professor for help.
10.00	Working with peers, going to review sessions, etc.
11.00	going to class, reading the textbook, doing weekly problems
12.00	practicing the examples from class and then finding problems either online or in the textbook
13.00	re-read lecture notes and read the corresponding sections in the textbook to understand in different wording, tried some of the practice problems and made sure I understood the implications and nuances of the formulas
14.00	x

COURSE ASSESSMENT REPORTS - My Specific Faculty Comments

Course: MATH 020 Probability
 Term: 202209 - Fall Term 2022
 Instructor: **Jan Glaubitz**

Question:

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

1.00	1. He gives us a break in the middle which works very well so no one gets drained or burned out in a single class 2. He has an amazing personality that doesn't make the class dreary, he has a very fun way of teaching probability that I've never seen in a math prof at Dartmouth before - everyone seems like they don't want to be there 3. His explanation of exam expectations and testing was always very clear
2.00	Amazingly nice guy and great teacher, explained things thoroughly and came up with great examples and practical/intuitive connections
3.00	An amazing professor, really made sure to explain concepts clearly, went really slow and paused often to give us a chance to ask questions
4.00	Being open to what we wanted to cover, for example he spent an entire lecture covering examples of the CLT instead of doing the proof, which significantly increased my understanding of the theorem.
5.00	Excellent teaching. Would love to take a course with Jan again if I ever have the chance!
6.00	Great Lecturing in class
7.00	I really like how Jan allow students to participate in class and ask questions. The study break are really good.
8.00	Jan explained things super clearly and was happy to answer any questions
9.00	Lectures were engaging. Prof Glaubitz was kind and taught at a good pace.
10.00	Professor Glaubitz's cleaning of the blackboards was marvelous.
11.00	The lectures were very helpful as were the homework assignments.
12.00	The professor is a really effective lecturer. At no point did I feel lost or confused during lectures, but I never felt like they were redundant or simplistic either. If I had any issues with the course, they were mainly in terms of topics/structure.
13.00	Went through many examples in the lecture
14.00	lecture
15.00	x

Course: MATH 020 Probability
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Question:

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

1.00	1. The initial 2-3 weeks of the course could perhaps move a little faster; most of us have learned the material in high school and could use a little more practice in other topics of the course
2.00	Add in some more stuff that's not in the textbook if possible.
3.00	Again, trying to explain the theorems with some more relevant examples --> little less abstract when that is possible.
4.00	Everything is perfect.
5.00	I thought the classroom was effective
6.00	More examples in class? Not sure I think he did a great job
7.00	None. Professor was great.
8.00	Nothing in particular. Again, I thought the lectures were pretty great.
9.00	Nothing that I can think of.
10.00	mixing activities other than lecture into the class maybe
11.00	more practice problems
12.00	the steps/directions/motivations of some of the proofs could be better explained, sometimes it felt like the steps were arbitrarily chosen and hard to see how one would come up with such progression
13.00	x

Course: MATH 020 Probability
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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:

1.00	Everything is objective in assessing course work so no input.
2.00	I think Professor assessed assessments very fairly
3.00	More specific feedback on approaches to homework/quality of proofs (for the proof-based questions) could have been helpful.
4.00	N/A
5.00	None
6.00	Nothing that I can think of.
7.00	Perfect.
8.00	Very friendly and kind!! Available to the students
9.00	none
10.00	x

COURSE ASSESSMENT REPORTS - Student Initiated Comments

Course: MATH 020 Probability
 Term: 202209 - Fall Term 2022
 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:

1.00	7 weekly homework sets that took 1-2 hours 1 midterm 1 final participation grade based on whether you presented a solution to a homework/exam problem
2.00	Everything was fair, I thought the group work was nice because I could get help if I didn't understand a problem.
3.00	Fair workload, mix of psets and exams
4.00	I thought it was fair
5.00	I thought the midterm exam and the final were more than fair, and that we got enough time to complete them without rushing through
6.00	Love the assessment structure. Though midterm one of week1-3 only seems not that much material.
7.00	No complaints, evaluation was all very fair and reflected student preparation very well
8.00	Perfect.
9.00	Tests were very uncorrelated to examples covered in lectures, and the review sessions absolutely saved me.
10.00	The exams being weighted so highly wasn't inherently a problem, but I found it strange that there was a sudden jump in difficulty between the midterm and the final exam. It felt like the difficulty of problems could have been much more consistent across the midterm, problem sets, and final. The workload felt pretty reasonable, no issues there.
11.00	The methods of evaluation were effective and the workload expected for this class was manageable.
12.00	Weekly homeworks and 1 midterm and 1 final
13.00	workload not bad, weekly group homeworks were pretty fair and relevant usually, a few tricky questions. the midterm was very fair and the exam was similar, if more proof-based and overall harder. the presentation/participation requirement was weird and got a lot of people in trouble because there were only so many opportunities to present
14.00	x

Course: MATH 020 Probability
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 Instructor: **Jan Glaubitz**

Question:

Comment on the structure of the class, for example the mix between lecture and discussion:

1.00	Lecture based, not much discussion except for during tutorials or HW answer presentations
2.00	Lecture only
3.00	Not much discussion other than X hours which makes sense since it's a math class.
4.00	Only lecture based, but homework discussions during x-hour as a form of participation were useful and appreciated.
5.00	Optimal.
6.00	Perfect.
7.00	The class was lecture based but was helpful in allowing me to understand the content.
8.00	The lectures were good, but maybe some class time could've been dedicated to solving challenging problems in a collaborative/group-based environment. That seems like it could be a much more effective way to add a collaborative element to the class (as opposed to the problem sets, where I thought this element was more of a hindrance than helpful), and also a way to get students to think critically about the material.
9.00	The structure of the class is very good.
10.00	The structure was a great balance between lecture and participation
11.00	all lecture
12.00	great mix, the prof encouraged us to think out loud
13.00	x

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Question:

How did this course influence your academic experience at Dartmouth?

1.00	Enhanced it; made me want to keep studying mathematics
2.00	Great class, great prof!
3.00	I am not sure what I want to do with math (major or minor) but it made me want to continue on that path.
4.00	I'm really glad I took it and I learned a lot about different probability distributions which is helpful going forward.
5.00	It influenced it positively
6.00	Loved this class. Solidified my math major track.
7.00	Not much to say here. I am probably less likely to take courses where I know the problem sets are exclusively group-based. It seems to me like solo problem sets + a strong support structure for students to get help >> group-based problem sets.
8.00	Really enjoyed this class! Would recommend
9.00	The course made me want to take more math classes.
10.00	Very interesting and enjoyable class.
11.00	Very interesting class that I enjoyed.
12.00	definitely more interested in more probability theory and applications, cool course!
13.00	good to add some probability to the math major, wish it were a little more rigorous
14.00	x

Institutional Reporting and Analysis (IRA)

Dartmouth College Course Comparison Report

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

Term 202209 - Fall Term 2022 Subject MATH-Mathematics Course 020-Probability Section 01 Question I think the overall quality of the course was

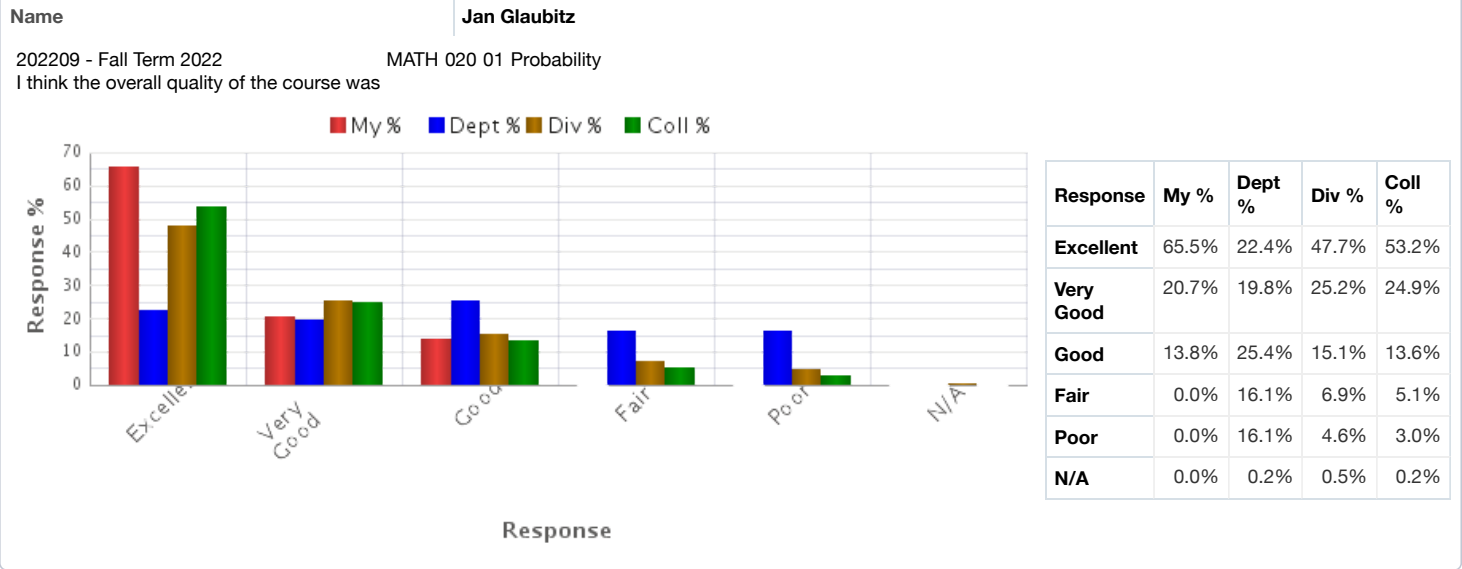
Course Details

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	202209 - Fall Term 2022	020-Probability	01	Jan Glaubitz	34	30	4

Results

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



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Term 202209 - Fall Term 2022 Subject MATH-Mathematics Course 020-Probability Section 01 Question I think the overall effectiveness of the teaching was

Course Details

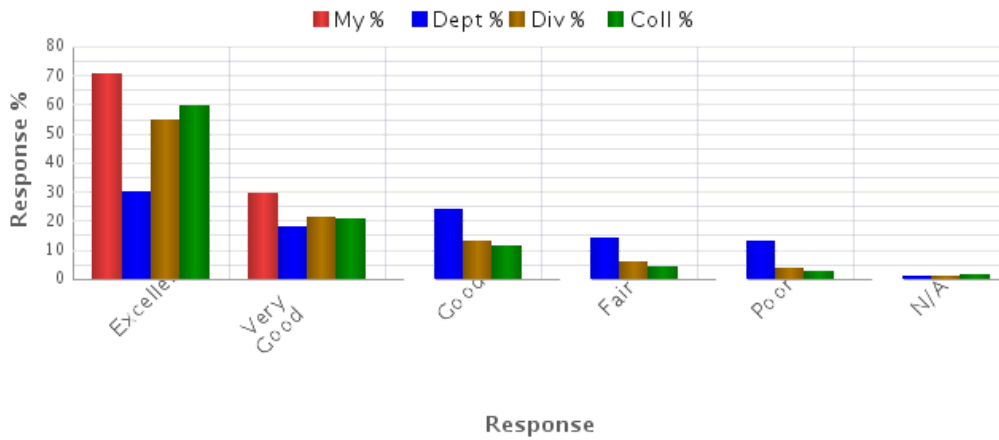
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Name: **Jan Glaubitz**
 202209 - Fall Term 2022 MATH 020 01 Probability
 I think the overall effectiveness of the teaching was



Response	My %	Dept %	Div %	Coll %
Excellent	70.4%	30.1%	54.5%	59.4%
Very Good	29.6%	17.9%	21.2%	20.7%
Good	0.0%	24.0%	13.1%	11.4%
Fair	0.0%	14.3%	6.1%	4.5%
Poor	0.0%	12.9%	3.8%	2.8%
N/A	0.0%	0.9%	1.2%	1.3%

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Term 202209 - Fall Term 2022 Subject MATH-Mathematics Course 020-Probability Section 01 Question I found the course to be well organized

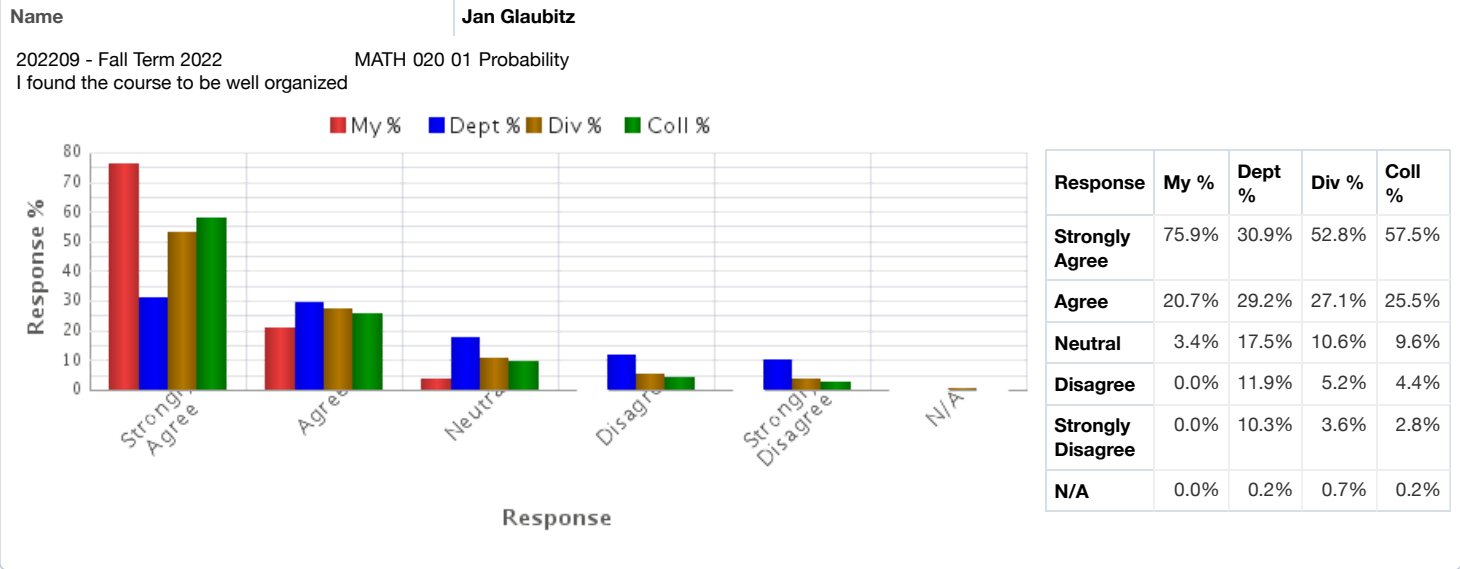
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Term 202209 - Fall Term 2022 Subject MATH-Mathematics Course 020-Probability Section 01 Question The objectives of the course were clear to me.

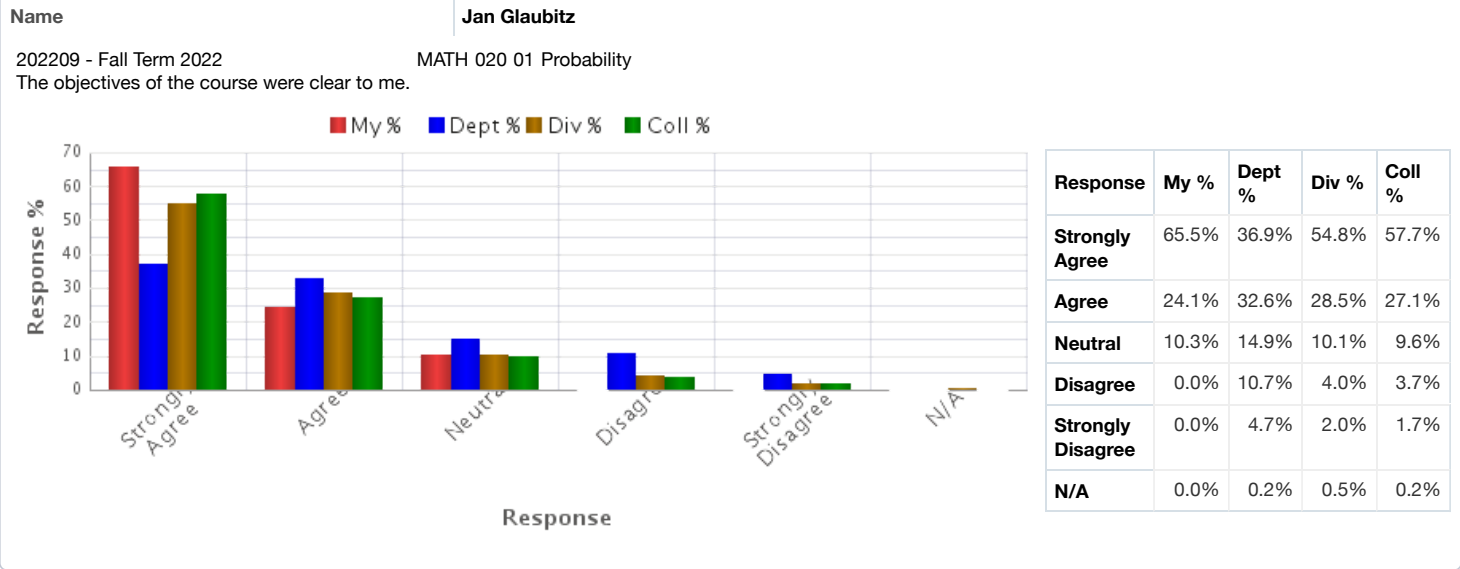
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Term 202209 - Fall Term 2022 Subject MATH-Mathematics Course 020-Probability Section 01 Question The professor explained central concepts clearly

Course Details

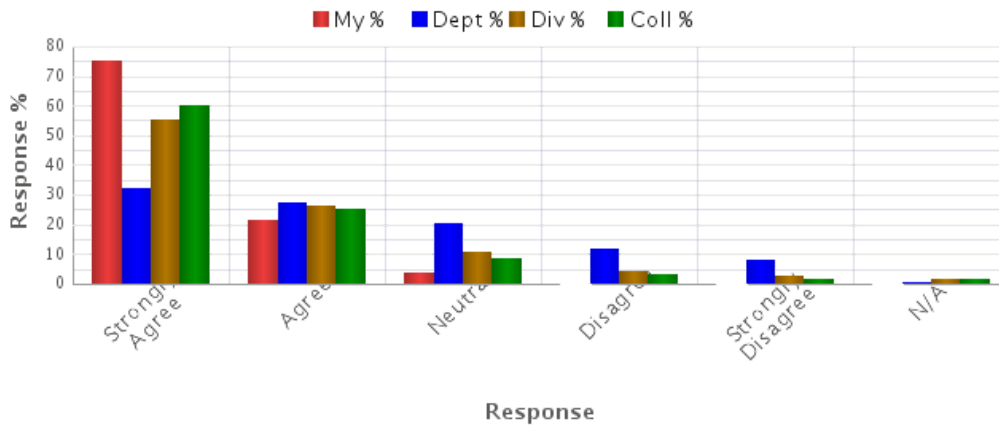
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Results

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Name: **Jan Glaubitz**
 202209 - Fall Term 2022 MATH 020 01 Probability
 The professor explained central concepts clearly



Response	My %	Dept %	Div %	Coll %
Strongly Agree	75.0%	31.8%	55.0%	60.1%
Agree	21.4%	27.3%	26.2%	25.3%
Neutral	3.6%	20.5%	10.8%	8.7%
Disagree	0.0%	11.6%	4.3%	3.0%
Strongly Disagree	0.0%	8.2%	2.3%	1.6%
N/A	0.0%	0.7%	1.3%	1.4%

Institutional Reporting and Analysis (IRA)

Dartmouth College Course Comparison Report

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

Term 202209 - Fall Term 2022 Subject MATH-Mathematics Course 020-Probability Section 01 Question I learned a lot in the course.

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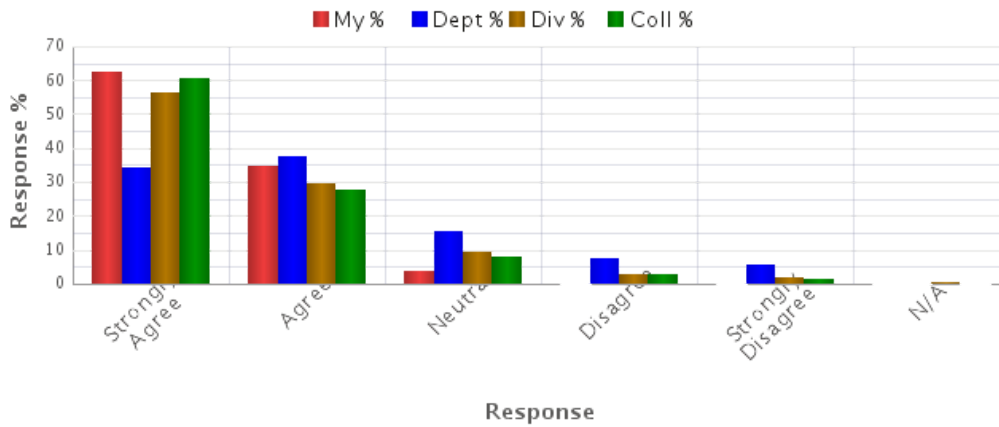
Department	Subject	Term	Course	Section	Instructor	Total Enrollment	Completed Course Assessment	Did Not Complete
MATH-Mathematics	MATH-Mathematics	202209 - Fall Term 2022	020-Probability	01	Jan Glaubitz	34	30	4

Results

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Name: Jan Glaubitz

202209 - Fall Term 2022 MATH 020 01 Probability
I learned a lot in the course.



Response	My %	Dept %	Div %	Coll %
Strongly Agree	62.1%	34.3%	56.3%	60.4%
Agree	34.5%	37.2%	29.6%	27.7%
Neutral	3.4%	15.4%	9.1%	7.9%
Disagree	0.0%	7.4%	2.8%	2.6%
Strongly Disagree	0.0%	5.5%	1.7%	1.2%
N/A	0.0%	0.2%	0.6%	0.2%

Institutional Reporting and Analysis (IRA)

Dartmouth College Course Comparison Report

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

Term 202209 - Fall Term 2022

Subject MATH-Mathematics

Course 020-Probability

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

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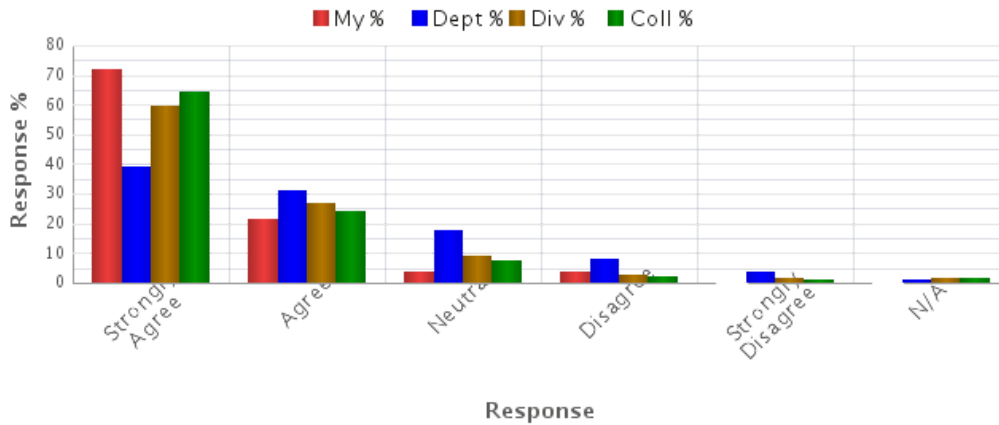
Name

Jan Glaubitz

202209 - Fall Term 2022

MATH 020 01 Probability

The professor challenged me to think critically about the course material



Response	My %	Dept %	Div %	Coll %
Strongly Agree	71.4%	38.9%	59.3%	64.2%
Agree	21.4%	30.8%	26.5%	23.9%
Neutral	3.6%	17.6%	9.1%	7.6%
Disagree	3.6%	8.2%	2.5%	1.8%
Strongly Disagree	0.0%	3.5%	1.3%	1.1%
N/A	0.0%	1.0%	1.4%	1.4%