# Yang Caroline - MATH 233-001 2174 CAS Individual Report Summer II 2017 

## Summer II 2017 College of Arts and Sciences Course Evaluations

Project Audience 24

Responses Received 21
Response Ratio 87.50\%

## Report Comments

Your course evaluation report consists of the following sections:
Response Averages: The average across all, or a group of questions with comparisons to your division, department, subject code, and the evaluation instrument used. This section only encompasses the Likert scale items on the evaluation.
Instructor Personalized Question Responses (where applicable): breakdown of responses and comments from these questions.

## Free Response Question Answers

Comparisons: This section shows a comparison of individual question scores for the course and the department for the Likert scale questions. Some questions will also display a comparison to the division, subject code, and the evaluation instrument used when this data is appropriate. This section does not include questions about the student's performance or experience.
Question Response Breakdowns: This section provides further statistical information as well as a breakdown of all responses received from all questions that were not free response.

A Note on Average and Comparison Labels: Please note that all values are based on the primary (owning/sponsoring) section for cross-listed courses.
Division: An average for the division within the College that the course belongs to.
Department: An average for the department the course belongs to.
Subject Code: An average for the subject code under which the courses is taught.
Evaluation Instrument: An average for all courses using the same question set as this course.
Course: This specific section of the course.

Creation Date Thu, Aug 10, 2017

## Overall Response Averages



## Overall Average Statistics

| Competency | Course <br> Average | Standard <br> Deviation | Min |
| :--- | ---: | ---: | ---: | Max | Mverall Average | 4.68 | $+/-0.57$ |
| :--- | :--- | :--- |

## Course \& Instructor Characteristics Averages



## Course \& Instructor Characteristics Average Statistics

| Competency | Course <br> Average | Standard Deviation | Min | Max |
| :---: | :---: | :---: | :---: | :---: |
| Course \& Instructor Characteristics | 4.69 | +/-0.53 | 2.00 | 5.00 |

Course Characteristics Averages


## Course Characteristics Average Statistics

| Competency | Course <br> Average | Standard <br> Deviation | Min |
| :--- | ---: | ---: | ---: | Max | Marse Characteristics | 4.52 | $+/-0.63$ |
| :--- | :--- | :--- |
| Cour | 3.00 | 5.00 |

## Instructor Characteristics Averages



## Instructor Characteristics Average Statistics

$\left.$| Competency | Course <br> Average | Standard <br> Deviation | Min |
| :--- | ---: | ---: | ---: | $\mathbf{\text { Max }} \right\rvert\,$| Anstructor Characteristics | 4.76 | $+/-0.47$ |
| :--- | :--- | :--- |

## Diversity and Inclusion in the Learning Environment Averages

Diversity and Inclusion in the Learning Environment


Diversity and Inclusion in the Learning Environment Average Statistics

| Competency | Course <br> Average | Standard <br> Deviation | Min |
| :--- | ---: | ---: | ---: | Max 

## Overall Course Assessment Averages

## Overall Course \& Instructor

 Assessment

## Overall Course Assessment Average Statistics

| Competency | Course <br> Average | Standard <br> Deviation | Min |
| :--- | ---: | ---: | ---: | Max 

## Teaching Award Recommendation Averages

The instructor was one of the best I have had at Carolina, fully deserving of a teaching award.


## Teaching Award Recommendation Average Statistics

| Competency | Course <br> Average | Standard <br> Deviation | Min |
| :--- | ---: | ---: | :--- | Max 

## Feedback to Students Averages



## Feedback to Students Average Statistics

| Competency | Course <br> Average | Standard <br> Deviation | Min |
| :--- | ---: | ---: | ---: | Max | Meedback to Students | 4.64 | $+/-0.62$ |
| :--- | :--- | :--- |

## Free Response Questions

## How did the diversity of your classmates contribute to your learning in this course?

## Comments

It didn't? I just studied and that's how I learned. It doesn't matter what color the students taking the classes are.
Variety is the spice of life
I've never seen this "diversity and inclusion" section in other course evaluations. Why apply it to a calculus course? We were too busy talking about vectors for me to determine my instructor's views on racial and ethnic differences.

I was able to see things from a different perspective
We don't talk that much in class but it can still be seen that we come from a variety of mathematical backgrounds and foundations and Professor Yang does well to make sure everyone understands the material in class
That's not really applicable.
The diversity of my classmates did not come into play at all.
None, it's a math class
As a female, it was nice to have female classmates who were speaking up and participating in class; females tend to feel less comfortable doing so in STEM-related classes.
it didnt
This is a math course, which was only lecture during class time. Diversity in the class was irrelevant. Caroline was a great teacher.

## How might the class climate be made more inclusive of diverse students?

## Comments

It's fine. Don't worry.
Girl it's math......I'm not sure if any of this applies.
Not sure
I don't see a way in which the class could become more diversified
Maybe include more interactions between classmates? I know it's kind of hard when the class is almost solely individual math lectures so its not that big of a deal

Idk, we just did math.
No change is needed. Being a math class, there isn't exactly much discussion to be had or anything to do with diversity.
Math
I think the class can be made more inclusive of diverse students by giving a greater range of examples of when the material is used in the "real world", in order to appeal to more students' interests.
it doesnt need to be
The course is difficult of students of any background, slow the pace of the course or make it a bit easier, and more students will want to take the class.

## Comments on overall assessment of this course.

## Comments

CAROLINE YANG IS THE BEST TEACHER I HAVE EVER HAD AT ANYTHING. SUPER SUPER GOOD HIGHLY RECOMMEND GIVE HER A RAISE PLEASE

## Good course make less webassigns

Nothing felt like it was made more complicated than it needed to be, which is usually a problem I have with math courses.

The course was interesting
The combination of effective lectures and relevant homework, coupled with the professor's supportive attitude and fair balance of grading makes this class great. Even though the class is fast-paced, I still learn the concepts well and reinforce my skills through the homework easily. There is a lot of content but the structure of the class albeit fast paced, still makes it one of the best/most effective classes I've taken.
It was a great course. Caroline gave lots of examples that helped me understand the material.
Great teacher, very passionate and good at visual demonstrations to better help our understanding of material.
Even though this course was very fast paced, the professor expressed concepts very clearly and I believe I understood everything very well. The homework and class time were both great to help me learn the material. Overall, I really enjoyed this course.
Calc 3 in the summer is intense, coupled with the fact I am also taking a 4 credit hour summer course and working ~30 hours per week, this class was too fast paced for me, and I have struggled to keep up. This is no fault of the instructor, who has had extremely accessible office hours and is a solid teacher.

## Comments on overall assessment of this Instructor.

## Comments

Truly a wonderful instructor, explained concepts very well and assessed us fairly.
I was very pleased with the teaching style of Caroline Yang. She was able to communicate the subject matter in many different ways to help bring about a better understanding of the concepts. She was kind, respectful, and clearly concerned about the entire classes understanding of the concepts, as well as motivated to aid in that understanding. She constantly took a second after every concept to ask the class if there were any questions and would dedicate more time to a particular topic if the majority of the class did not seem to be keeping up with the pace or if we needed a quick review. Finally and most importantly, she was clearly organized in all aspects of this class. All homework assignments were made available at the beginning of the semester. Notes were clearly prepared prior to class and therefor were delivered clearly. One struggle that I have is when a teacher is unorganized with there delivery of the information. This results in my own unorganized cluster of information and disorder in my ability to preform. However, this was not the casel in this class and for that I am very grateful. Likewise, I seemed to be relatively successful in this class and for that I thank Caroline Yang for the role see has played in my success.

## :D :D :D SHE'S MY FAVORITE EVER

Caroline was a fantastic instructor. I was able to clearly understand a difficult subject. I hope the department allows her to teach more math classes at UNC.

## Great

I didn't meet with her during office hours, mostly just because in-class explanations were clear enough. Even if I didn't completely get something, re-reading notes was enough to understand what's going on.
She was clear and concise regarding the material
Professor Yang has an amazing ability to teach things in an easy-to-comprehend way and is always accessible in office hours. She frequently asks "any questions" when teaching new concepts and is very nice to students, never talking down to them when they get the answer wrong and always encouraging answering in class. She somehow makes the material seem easy to me (no easy feat) and makes me confident in the concepts covered. Professor is one of the best teachers I've ever had.
She was great.
She is easily one of the best teachers I have had at UNC. She not only has a very strong understanding of the course material, she is amazing at breaking it down so that even someone as allergic to math as myself can understand it clearly. She teaches quite well, and it is easy to see that she really cares more about us learning the material, rather than just being able to get through the tests and quizzes. I especially enjoyed how much she focused on examples of the concepts we learned, rather than spending most of the time explaining the concepts and expecting us to practice them completely on our own without guidance. By going through the examples with us in class, as well as thoroughly explaining each step, she made it a lot easier to learn some very difficult concepts. Overall, Caroline Yang is a fantastic teacher, and I hope that she continues to teach mathematics in the future so that more mathphobic students like me can rediscover their "love" for math again!
great and passionate teacher
She was great! I didn't go to office hours but I didn't need to since class was generally so efficient
Caroline Yang is one of the greatest teachers I have come across at UNC thus far. She is by far my favorite math professor/grad student I have had. She made me more confident and comfortable with the material than I would have been with someone else.
The professor did a great job in teaching the material clearly so I could understand it. Class time was used very well and she did a great job teaching each concept in a fast paced summer school class. I never felt like I was falling behind or that the material was being taught too quickly. She is one of the best math professors I've had at UNC.
Clearly explained topics, was helpful in office hours, and was a fair grader.

## If you would recommend this Instructor for a teaching award, please briefly explain why.

## Comments

Caroline is incredible at explaining difficult concepts and ensuring that everyone understands the material. It is rare to find such clarity and organization in a professor such as hers.
I have not had any other teachers at Carolina, but I am very please with the teaching of Caroline Yang. Here kindness enables an environment for communication, however wrapped in her kindness is also the expectation to preform at the appropriate level. Likewise, her organization provides the best environments to foster learning efficiently. She works hard and clearly cares for the success if her students. This is clear in her continuation throughout the semester to communicate with the class about her availability to everyone outside of class. She even went as far as confirming with the class as a whole that her office hours would work for everyone. When there was some concern about some of her hour from some students, she made adjustments to those hours be better accommodate all the students. Even though I do not have any experience with other teacher at Carolina specifically, I do know that Caroline Yang should be recognized for her excellence in teaching.

## SHE IS AMAZING AND VERY HELPFUL.

See previous comment.
Super helpful and gives lots of resources to succeed
In terms of making the materials easy to understand, she's one of the best instructors I've ever had
She was able to communicate with students exceptionally
In all the math/science classes I've taken, few have been able to so effectively convey new concepts to me. I had previously taken a class in about equal rigor (not at unc) but the teacher's negative/show off attitude and unwillingness to explain things thoroughly made the class really hard and not fun. In taking this class, I've realized just how easy and enjoyable learning new material can be, especially with a supportive teacher that knows her material down pat and spends her time making sure that her students understand the the things she knows. I would recommend Prof. Yang because she is always has a positive and supportive attitude, she explains hard concepts in an incredibly easy to understand way (with patience) and she is always willing to help or discuss concepts with students. Professor Yang is the best teacher l've ever had.
As I stated before, Caroline Yang is one of the best teachers I have had at carolina. She has a complete understanding for the course material, and has a rather great knack for making really hard concepts seem simple. The way she goes through notes makes sure that it is very hard for us to get lost, and even if we do, she is able to get us back on track. Before this class, I thought myself to be really bad at math in general. I have never really had an interest in any math class, and only took them because I had to. But this teacher taught in such a clear and effective way that I was able to form an understanding of the material that I have never had before with any other math class. As much as it pains me to say it, I may have even enjoyed learning this math! For all these reasons and more, I completely believe that Caroline Yang deserves an award to recognize her ability as a teacher.
She shows a deep understanding of the course material and is really good and helping students understand using different analogies.
Caroline Yang was very patient as a teacher, and she was great at explaining the material in ways that were easy to understand. She had a hefty toolbox of different explanations that she was able to use when a student didn't initially understand the information. She was kind, supportive, and positive with the students, and she made me feel extremely comfortable in a class that I was initially very intimidated by and anxious about. She makes learning comfortable, interesting, and very tangible.
She is one of the best math professors I've had at UNC. She explains concepts very clearly so I can understand them well. I was worried about taking calculus 3 during a summer school class, but she has made it so that I do not feel like the material is being taught too quickly or that l've ever been falling behind. She structured the class time very well, explaining concepts/formulas then going through examples step by step. I have really enjoyed her class.
Professor Yang is a great teacher and explains the subject extremely well. One of the best math teachers I have ever had

## Comparisons: Course Characteristics

The course challenged me to think deeply about the subject matter.


The course material (e.g., coursepack, website, texts) helped me better understand the subject matter.


The course assignments helped me better understand the subject matter.


This course was very exciting to me intellectually.


Rate the grading standards of this course compared with others you have taken at UNC.


Rate the workload required in this course compared with others you have taken at UNC.


Comparisons: Instructor Characteristics

The instructor clearly communicated what was expected of me in this class.


## I was able to get individual help when I needed it.



The instructor evaluated my work fairly.


The instructor showed concern about whether students learned the material.


The instructor expressed ideas clearly.


The instructor showed enthusiasm for the subject matter.


## The instructor showed enthusiasm for teaching the class.



The instructor treated all students with respect.


The instructional techniques engaged me with the subject matter.


The instructor provided me with helpful feedback on my performance.
Overall


Comparisons: Diversity and Inclusion in the Learning Environment

## Diversity and Inclusion in the Learning Environment

## Overall



1. The diversity of my classmates enriched my learning in this course.

Scale: Strongly Disagree, Disagree, Neither Disagree/Agree, Agree, Strongly Agree, Not Applicable

2. I increased my ability to work on a team with students from different backgrounds and perspectives.


## Diversity and Inclusion in the Learning Environment (continued)

3. This course exposed me to points of view different from my own.

4. I became more aware of multiple perspectives on issues of diversity

Scale: Strongly Disagree, Disagree, Neither Disagree/Agree, Agree, Strongly Agree, Not Applicable

5. In-class activities were organized to value the diversity of life experiences among students.


## Diversity and Inclusion in the Learning Environment (continued)


7. The instructor, Caroline Yang, saw cultural and personal differences as assets.


## Comparisons: Overall Course Assessment

Overall, this course was excellent.


## Overall, I learned a great deal from this course.



## Comparisons: Overall Instructor Assessment

Overall, this instructor was an effective teacher.


The instructor provided regular assessment of my work throughout the semester.


The instructor held class meetings consistent with the official schedule published for this course.


## Comparisons: Teaching Award Recommendation

The instructor was one of the best I have had at Carolina, fully deserving of a teaching award.


## Comparison: Feedback to Students

The instructor handled questions well.


The instructor used examples that had relevance for me.


The instructor used class time well.


The instructor encouraged students to participate in this class.


This course was designed to keep me engaged in learning.

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Overall
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The workload was appropriate for what I gained from this class.


## Question Response Breakdowns

The course challenged me to think deeply about the subject matter.

| Strongly Disagree (0.00\%)Disagree $(0.00 \%)$Neither Disagree/Agree $(0.00 \%)$Agree $(33.33 \%)$Strongly Agree $(66.67 \%)$Not Applicable $(0.00 \%)$[Total (21)] |  | 0 |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.67 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 7 | 33.33\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 14 | 66.67\% | Standard Deviation | 0.48 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.47 |
|  |  |  |  | Standard Error (base on SD) | 0.11 |
|  |  |  |  | Standard Error (base on PSD) | 0.10 |

The course material (e.g., coursepack, website, texts) helped me better understand the subject matter.

| Strongly Disagree (0.00\%)Disagree $(0.00 \%)$Neither Disagree/Agree ( $4.76 \%$ )Agree $(38.10 \%)$Strongly Agree $(57.14 \%)$Not Applicable $(0.00 \%)$$[$ Total (21)] |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  |  |  | 50\% | 100\% |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.52 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 1 | 4.76\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 8 | 38.10\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 12 | 57.14\% | Standard Deviation | 0.60 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.59 |
|  |  |  |  | Standard Error (base on SD) | 0.13 |
|  |  |  |  | Standard Error (base on PSD) | 0.13 |

The course assignments helped me better understand the subject matter.

| Strongly Disagree (0.00\%)Disagree $(0.00 \%)$Neither Disagree/Agree $(0.00 \%)$Agree $(30.00 \%)$Strongly Agree $(70.00 \%)$Not Applicable $(0.00 \%)$[Total $(20)]$ |  | 0 |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.70 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 6 | 30.00\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 14 | 70.00\% | Standard Deviation | 0.47 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.46 |
|  |  |  |  | Standard Error (base on SD) | 0.11 |
|  |  |  |  | Standard Error (base on PSD) | 0.10 |

This course was very exciting to me intellectually.

| Strongly Disagree $(0.00 \%)$Disagree $(0.00 \%)$Neither Disagree/Agree $(23.81 \%)$Agree $(33.33 \%)$Strongly Agree $(42.86 \%)$Not Applicable $(0.00 \%)$$[$ Total $(21)]$ |  |  |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.19 |
| Disagree | 2 | 0 | 0.00\% | Median | 4.00 |
| Neither Disagree/Agree | 3 | 5 | 23.81\% | Semi-Interquartile Range | 0.75 |
| Agree | 4 | 7 | 33.33\% | 50th Percentile | 4.00 |
| Strongly Agree | 5 | 9 | 42.86\% | Standard Deviation | 0.81 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.79 |
|  |  |  |  | Standard Error (base on SD) | 0.18 |
|  |  |  |  | Standard Error (base on PSD) | 0.17 |

## Rate the grading standards of this course compared with others you have taken at UNC.

| Very Easy (0.00\%) <br> Easier Than Average ( $0.00 \%$ ) <br> Average (61.90\%) <br> More Rigorous (38.10\%) <br> Most Rigorous (0.00\%) <br> [Total (21)] |  |  |  |  | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  |  |  | 50\% |  |
| Options | Score | Count | Percentage | Statistics | Value |
| Very Easy | 1 | 0 | 0.00\% | Mean | 3.38 |
| Easier Than Average | 2 | 0 | 0.00\% | Median | 3.00 |
| Average | 3 | 13 | 61.90\% | Semi-Interquartile Range | 0.50 |
| More Rigorous | 4 | 8 | 38.10\% | 50th Percentile | 3.00 |
| Most Rigorous | 5 | 0 | 0.00\% | Standard Deviation | 0.50 |
|  |  |  |  | Population Standard Deviation | 0.49 |
|  |  |  |  | Standard Error (base on SD) | 0.11 |
|  |  |  |  | Standard Error (base on PSD) | 0.11 |

Rate the workload required in this course compared with others you have taken at UNC.

| Very Easy (0.00\%)Easier Than Average (0.00\%)Average (23.81\%)More Rigorous ( $71.43 \%$ )Most Rigorous $(4.76 \%)$[Total (21)] |  |  |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Very Easy | 1 | 0 | 0.00\% | Mean | 3.81 |
| Easier Than Average | 2 | 0 | 0.00\% | Median | 4.00 |
| Average | 3 | 5 | 23.81\% | Semi-Interquartile Range | 0.25 |
| More Rigorous | 4 | 15 | 71.43\% | 50th Percentile | 4.00 |
| Most Rigorous | 5 | 1 | 4.76\% | Standard Deviation | 0.51 |
|  |  |  |  | Population Standard Deviation | 0.50 |
|  |  |  |  | Standard Error (base on SD) | 0.11 |
|  |  |  |  | Standard Error (base on PSD) | 0.11 |

The instructor clearly communicated what was expected of me in this class.

| Strongly Disagree $(0.00 \%)$Disagree $(0.00 \%)$Neither Disagree/Agree $(0.00 \%)$Agree $(0.00 \%)$Strongly Agree $(100.00 \%)$Not Applicable $(0.00 \%)$[Total $(21)]$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| 0 |  |  |  | 50\% | 100\% |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 5.00 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.00 |
| Agree | 4 | 0 | 0.00\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 21 | 100.00\% | Standard Deviation | 0.00 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.00 |
|  |  |  |  | Standard Error (base on SD) | 0.00 |
|  |  |  |  | Standard Error (base on PSD) | 0.00 |

## I was able to get individual help when I needed it.

| Strongly Disagree (0.00\%)Disagree $(0.00 \%)$Neither Disagree/Agree (0.00\%)Agree (14.29\%)Strongly Agree (71.43\%)Not Applicable (14.29\%)[Total (21)] |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  |  |  | 50\% | 100\% |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.83 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 3 | 14.29\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 15 | 71.43\% | Standard Deviation | 0.38 |
| Not Applicable | NRP | 3 | 14.29\% | Population Standard Deviation | 0.37 |
|  |  |  |  | Standard Error (base on SD) | 0.09 |
|  |  |  |  | Standard Error (base on PSD) | 0.09 |

## The instructor evaluated my work fairly.



The instructor showed concern about whether students learned the material.

| Strongly Disagree (0.00\%)Disagree $(0.00 \%)$Neither Disagree/Agree $(0.00 \%)$Agree (19.05\%)Strongly Agree (80.95\%)Not Applicable $(0.00 \%)$[Total (21)] |  | 0 |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.81 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.00 |
| Agree | 4 | 4 | 19.05\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 17 | 80.95\% | Standard Deviation | 0.40 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.39 |
|  |  |  |  | Standard Error (base on SD) | 0.09 |
|  |  |  |  | Standard Error (base on PSD) | 0.09 |

The instructor expressed ideas clearly.

| Strongly Disagree (0.00\%)Disagree (0.00\%)Neither Disagree/Agree (0.00\%)Agree (14.29\%)Strongly Agree (85.71\%)Not Applicable $(0.00 \%)$[Total (21)] |  | 0 |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.86 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.00 |
| Agree | 4 | 3 | 14.29\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 18 | 85.71\% | Standard Deviation | 0.36 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.35 |
|  |  |  |  | Standard Error (base on SD) | 0.08 |
|  |  |  |  | Standard Error (base on PSD) | 0.08 |

## The instructor showed enthusiasm for the subject matter.



## The instructor showed enthusiasm for teaching the class.

| Strongly Disagree $(0.00 \%)$Disagree $(0.00 \%)$Neither Disagree/Agree $(0.00 \%)$Agree $(28.57 \%)$Strongly Agree $(71.43 \%)$Not Applicable $(0.00 \%)$[Total (21)] |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  |  |  | 50\% | 100\% |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.71 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 6 | 28.57\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 15 | 71.43\% | Standard Deviation | 0.46 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.45 |
|  |  |  |  | Standard Error (base on SD) | 0.10 |
|  |  |  |  | Standard Error (base on PSD) | 0.10 |

The instructor treated all students with respect.

| Strongly Disagree $(0.00 \%)$Disagree $(0.00 \%)$Neither Disagree/Agree $(0.00 \%)$Agree (14.29\%)Strongly Agree $(85.71 \%)$NotApplicable $(0.00 \%)$$[$ Total (21)] |  | 0 |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.86 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.00 |
| Agree | 4 | 3 | 14.29\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 18 | 85.71\% | Standard Deviation | 0.36 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.35 |
|  |  |  |  | Standard Error (base on SD) | 0.08 |
|  |  |  |  | Standard Error (base on PSD) | 0.08 |

The instructional techniques engaged me with the subject matter.


The instructor provided me with helpful feedback on my performance.

| Strongly Disagree $(0.00 \%)$Disagree $(0.00 \%)$Neither Disagree/Agree (0.00\%)Agree (42.86\%)Strongly Agree (52.38\%)Not Applicable $(4.76 \%)$[Total (21)] |  | - |  |  | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.55 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 9 | 42.86\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 11 | 52.38\% | Standard Deviation | 0.51 |
| Not Applicable | NRP | 1 | 4.76\% | Population Standard Deviation | 0.50 |
|  |  |  |  | Standard Error (base on SD) | 0.11 |
|  |  |  |  | Standard Error (base on PSD) | 0.11 |

## Diversity and Inclusion in the Learning Environment

1. The diversity of my classmates enriched my learning in this course.

| Strongly Disagree ( $0.00 \%$ )Disagree $(9.52 \%)$Neither Disagree/Agree $(38.10 \%)$Agree $(23.81 \%)$Strongly Agree $(4.76 \%)$Not Applicable $(23.81 \%)$$[$ Total (21)] |  |  |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 3.31 |
| Disagree | 2 | 2 | 9.52\% | Median | 3.00 |
| Neither Disagree/Agree | 3 | 8 | 38.10\% | Semi-Interquartile Range | N/A |
| Agree | 4 | 5 | 23.81\% | 50th Percentile | 3.00 |
| Strongly Agree | 5 | 1 | 4.76\% | Standard Deviation | 0.79 |
| Not Applicable | NRP | 5 | 23.81\% | Population Standard Deviation | 0.77 |
|  |  |  |  | Standard Error (base on SD) | 0.20 |
|  |  |  |  | Standard Error (base on PSD) | 0.19 |

2. I increased my ability to work on a team with students from different backgrounds and perspectives.

3. This course exposed me to points of view different from my own.

4. I became more aware of multiple perspectives on issues of diversity

| Strongly Disagree ( $0.00 \%$ )Disagree $(23.81 \%)$Neither Disagree/Agree $(23.81 \%)$Agree $(4.76 \%)$Strongly Agree $(9.52 \%)$NotApplicable $(38.10 \%)$[ Total (21)] |  |  | atal |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 |  |  | 50\% | 100\% |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 3.00 |
| Disagree | 2 | 5 | 23.81\% | Median | 3.00 |
| Neither Disagree/Agree | 3 | 5 | 23.81\% | Semi-Interquartile Range | N/A |
| Agree | 4 | 1 | 4.76\% | 50th Percentile | 3.00 |
| Strongly Agree | 5 | 2 | 9.52\% | Standard Deviation | 1.08 |
| Not Applicable | NRP | 8 | 38.10\% | Population Standard Deviation | 1.04 |
|  |  |  |  | Standard Error (base on SD) | 0.30 |
|  |  |  |  | Standard Error (base on PSD) | 0.29 |

5. In-class activities were organized to value the diversity of life experiences among students.

6. The instructor, Caroline Yang, valued the diversity of life experiences among students.

| Strongly Disagree $(0.00 \%)$Disagree $(0.00 \%)$Neither Disagree/Agree $(23.81 \%)$Agree $(19.05 \%)$Strongly Agree $(23.81 \%)$NotApplicable $(33.33 \%)$$[$ Total $(21)]$ |  |  |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.00 |
| Disagree | 2 | 0 | 0.00\% | Median | 4.00 |
| Neither Disagree/Agree | 3 | 5 | 23.81\% | Semi-Interquartile Range | N/A |
| Agree | 4 | 4 | 19.05\% | 50th Percentile | 4.00 |
| Strongly Agree | 5 | 5 | 23.81\% | Standard Deviation | 0.88 |
| Not Applicable | NRP | 7 | 33.33\% | Population Standard Deviation | 0.85 |
|  |  |  |  | Standard Error (base on SD) | 0.23 |
|  |  |  |  | Standard Error (base on PSD) | 0.23 |

7. The instructor, Caroline Yang, saw cultural and personal differences as assets.

| Strongly Disagree (0.00\%)Disagree ( $0.00 \%$ )Neither Disagree/Agree (33.33\%)Agree (14.29\%)Strongly Agree (19.05\%)NotApplicable (33.33\%)$[$ Total (21)] |  |  |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 3.79 |
| Disagree | 2 | 0 | 0.00\% | Median | 3.50 |
| Neither Disagree/Agree | 3 | 7 | 33.33\% | Semi-Interquartile Range | N/A |
| Agree | 4 | 3 | 14.29\% | 50th Percentile | 3.50 |
| Strongly Agree | 5 | 4 | 19.05\% | Standard Deviation | 0.89 |
| Not Applicable | NRP | 7 | 33.33\% | Population Standard Deviation | 0.86 |
|  |  |  |  | Standard Error (base on SD) | 0.24 |
|  |  |  |  | Standard Error (base on PSD) | 0.23 |

## Overall, this course was excellent.

| Strongly Disagree (0.00\%)Disagree (4.76\%)Neither Disagree/Agree (0.00\%)Agree (28.57\%)Strongly Agree (66.67\%)Not Applicable $(0.00 \%)$$[$ Total (21)] |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  |  |  | 50\% | 100\% |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.57 |
| Disagree | 2 | 1 | 4.76\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 6 | 28.57\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 14 | 66.67\% | Standard Deviation | 0.75 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.73 |
|  |  |  |  | Standard Error (base on SD) | 0.16 |
|  |  |  |  | Standard Error (base on PSD) | 0.16 |

## Overall, I learned a great deal from this course.

| Strongly Disagree (0.00\%)Disagree (0.00\%)Neither Disagree/Agree (4.76\%)Agree (23.81\%)Strongly Agree (71.43\%)NotApplicable $(0.00 \%)$[Total (21)] |  | - |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.67 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 1 | 4.76\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 5 | 23.81\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 15 | 71.43\% | Standard Deviation | 0.58 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.56 |
|  |  |  |  | Standard Error (base on SD) | 0.13 |
|  |  |  |  | Standard Error (base on PSD) | 0.12 |

Please estimate the average number of hours per week that you spent outside of class on work related to this course.


Overall, this instructor was an effective teacher.


The instructor provided regular assessment of my work throughout the semester.

| Strongly Disagree ( $0.00 \%$ )Disagree $(0.00 \%)$Neither Disagree/Agree $(0.00 \%)$Agree $(14.29 \%)$Strongly Agree $(76.19 \%)$NotApplicable $(9.52 \%)$$[$ Total $(21)]$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  |  |  | 50\% | 100\% |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.84 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 3 | 14.29\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 16 | 76.19\% | Standard Deviation | 0.37 |
| Not Applicable | NRP | 2 | 9.52\% | Population Standard Deviation | 0.36 |
|  |  |  |  | Standard Error (base on SD) | 0.09 |
|  |  |  |  | Standard Error (base on PSD) | 0.08 |

The instructor held class meetings consistent with the official schedule published for this course.

| Strongly Disagree $(0.00 \%)$Disagree $(0.00 \%)$Neither Disagree/Agree $(0.00 \%)$Agree $(10.00 \%)$Strongly Agree $(90.00 \%)$Not Applicable $(0.00 \%)$$[$ Total $(20)]$ |  | 0 |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.90 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.00 |
| Agree | 4 | 2 | 10.00\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 18 | 90.00\% | Standard Deviation | 0.31 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.30 |
|  |  |  |  | Standard Error (base on SD) | 0.07 |
|  |  |  |  | Standard Error (base on PSD) | 0.07 |

About how many times this semester have you met with the instructor outside of class?


The instructor was one of the best I have had at Carolina, fully deserving of a teaching award.

| Strongly Disagree (0.00\%)Disagree $(0.00 \%)$Neither Disagree/Agree (19.05\%)Agree $(23.81 \%)$Strongly Agree $(57.14 \%)$Not Applicable $(0.00 \%)$$[$ Total $(21)]$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  |  |  | 50\% | 100\% |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.38 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree/Agree | 3 | 4 | 19.05\% | Semi-Interquartile Range | 0.50 |
| Agree | 4 | 5 | 23.81\% | 50th Percentile | 5.00 |
| Strongly Agree | 5 | 12 | 57.14\% | Standard Deviation | 0.80 |
| Not Applicable | NRP | 0 | 0.00\% | Population Standard Deviation | 0.79 |
|  |  |  |  | Standard Error (base on SD) | 0.18 |
|  |  |  |  | Standard Error (base on PSD) | 0.17 |

The instructor handled questions well.

| Strongly Disagree $(0.00 \%)$Disagree $(0.00 \%)$Neither Disagree or Agree $(0.00 \%)$Agree $(14.29 \%)$Strongly Agree $(85.71 \%)$NotApplicable $(0.00 \%)$$[$ Total $(21)]$ |  |  |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.86 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree or Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.00 |
|  |  |  |  | 50th Percentile | 5.00 |
| Agree | 4 | 3 | 14.29\% | Standard Deviation | 0.36 |
| Strongly Agree | 5 | 18 | 85.71\% | Population Standard Deviation | 0.35 |
| Not Applicable | NRP | 0 | 0.00\% | Standard Error (base on SD) | 0.08 |
|  |  |  |  | Standard Error (base on PSD) | 0.08 |

## The instructor used examples that had relevance for me.

| Strongly Disagree ( $0.00 \%$ )Disagree $(0.00 \%)$Neither Disagree or Agree ( $0.00 \%$ )Agree ( $19.05 \%$ )Strongly Agree $(71.43 \%)$NotApplicable $(9.52 \%)$[Total $(21)]$ |  |  |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.79 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree or Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.50 |
|  |  |  |  | 50th Percentile | 5.00 |
| Agree | 4 | 4 | 19.05\% | Standard Deviation | 0.42 |
| Strongly Agree | 5 | 15 | 71.43\% | Population Standard Deviation | 0.41 |
| Not Applicable | NRP | 2 | 9.52\% | Standard Error (base on SD) | 0.10 |
|  |  |  |  | Standard Error (base on PSD) | 0.09 |

## The instructor used class time well.



| Options | Score | Count | Percentage |
| :--- | ---: | ---: | ---: |
| Strongly Disagree | 1 | 0 | $0.00 \%$ |
| Disagree | 2 | 0 | $0.00 \%$ |
| Neither Disagree or | 3 | 0 | $0.00 \%$ |
| Agree | 4 | 2 | $9.52 \%$ |
| Agree | 5 | 19 | $90.48 \%$ |
| Strongly Agree | NRP | 0 | $0.00 \%$ |
| Not Applicable |  |  |  |


| Statistics | Value |
| :--- | ---: |
| Mean | 4.90 |
| Median | 5.00 |
| Semi-Interquartile Range | 0.00 |
| 50th Percentile | 5.00 |
| Standard Deviation | 0.30 |
| Population Standard Deviation | 0.29 |
| Standard Error (base on SD) | 0.07 |
| Standard Error (base on PSD) | 0.06 |

The instructor encouraged students to participate in this class.

| Strongly Disagree ( $0.00 \%$ )Disagree $(0.00 \%)$Neither Disagree or Agree $(0.00 \%)$Agree $(42.86 \%)$Strongly Agree $(52.38 \%)$NotApplicable $(4.76 \%)$[Total (21)] |  |  |  |  | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.55 |
| Disagree | 2 | 0 | 0.00\% | Median | 5.00 |
| Neither Disagree or Agree | 3 | 0 | 0.00\% | Semi-Interquartile Range | 0.50 |
|  |  |  |  | 50th Percentile | 5.00 |
| Agree | 4 | 9 | 42.86\% | Standard Deviation | 0.51 |
| Strongly Agree | 5 | 11 | 52.38\% | Population Standard Deviation | 0.50 |
| Not Applicable | NRP | 1 | 4.76\% | Standard Error (base on SD) | 0.11 |
|  |  |  |  | Standard Error (base on PSD) | 0.11 |

This course was designed to keep me engaged in learning.

| Strongly Disagree $(0.00 \%)$Disagree $(5.00 \%)$Neither Disagree or Agree $(5.00 \%)$Agree $(40.00 \%)$Strongly Agree $(50.00 \%)$Not Applicable $(0.00 \%)$$[$ Total $(20)]$ |  |  |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.35 |
| Disagree | 2 | 1 | 5.00\% | Median | 4.50 |
| Neither Disagree or Agree | 3 | 1 | 5.00\% | Semi-Interquartile Range | 0.50 |
|  |  |  |  | 50th Percentile | 4.50 |
| Agree | 4 | 8 | 40.00\% | Standard Deviation | 0.81 |
| Strongly Agree | 5 | 10 | 50.00\% | Population Standard Deviation | 0.79 |
| Not Applicable | NRP | 0 | 0.00\% | Standard Error (base on SD) | 0.18 |
|  |  |  |  | Standard Error (base on PSD) | 0.18 |

The workload was appropriate for what I gained from this class.

| Strongly Disagree ( $0.00 \%$ )Disagree $(4.76 \%)$Neither Disagree or Agree $(9.52 \%)$Agree $(28.57 \%)$Strongly Agree $(57.14 \%)$NotApplicable $(0.00 \%)$[Total (21)] |  |  |  | 50\% | 100\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Options | Score | Count | Percentage | Statistics | Value |
| Strongly Disagree | 1 | 0 | 0.00\% | Mean | 4.38 |
| Disagree | 2 | 1 | 4.76\% | Median | 5.00 |
| Neither Disagree or Agree | 3 | 2 | 9.52\% | Semi-Interquartile Range | 0.50 |
|  |  |  |  | 50th Percentile | 5.00 |
| Agree | 4 | 6 | 28.57\% | Standard Deviation | 0.86 |
| Strongly Agree | 5 | 12 | 57.14\% | Population Standard Deviation | 0.84 |
| Not Applicable | NRP | 0 | 0.00\% | Standard Error (base on SD) | 0.19 |
|  |  |  |  | Standard Error (base on PSD) | 0.18 |

What grade do you think you will get in this course?


MATH 233-001 - Caroline Yang - 2174
Is this a required course for you?


