



STAT 22000 3, STAT 22000 3 - Statistical Methods and Applications - Instructor(s) - Daniel Xiang

Project Title: **College Course Feedback - Spring 2024**

Number Enrolled: **67**

Number of Responses: **20**

Report Comments

Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

Creation Date: **Thursday, July 11, 2024**

What are the most important things that you learned in this course? Please reflect on the knowledge and skills you gained.

Comments
I learned various math concepts such as statistical analysis, like doing t tests, and probability distributions, and hypothesis testing!
We learned the basics of statistics, learning about different kinds of tests, data variables and confidence intervals.
Calculating statistics values.
Z scores, t scores, regression, hypothesis testing, probability
p value
Concepts about statistics, such as probability distributions, hypothesis testing, confidence intervals, z-scores and t-scores, etc.
Different types of plots (boxplots, histograms, etc.), hypothesis testing, central limit theorem, probability, normal distribution, binomial distribution, and t distribution
reading histograms/charts, hypothesis testing, linear regression
statistic equations
I learned some basics of statistics and analysis of data.
I learned the very foundation underlying statistical analysis as well as the different tests used (z-test, t-test, etc.). Additionally, I was able to strengthen my grasp of R as much of the homework was driven by the software.

Describe how aspects of this course (lectures, discussions, labs, assignments, etc.) contributed to your learning.

Comments
Lectures were the most important for me, in seeing the concepts presented in an easy to understand way, as well as having the opportunity to ask questions! The collaborative group also helped me solidify my understanding of topics!
Collaborative learning sessions were really helpful, because it was the one time we could ask a teacher for help and they would answer it.
The problem sets forced me to catch up over the weeks.
CL workshops were helpful
lectures given by Professor Fei Liu is amazing
The main ideas of the course were presented in lectures and examined through assignments and exams (two midterms, one final).
The assignments were really helpful practicing the content and they were about the same difficulty as the exams. I also liked SLiC because I could practice the content in smaller groups and it held me accountable for studying.
slides were helpful, lectures were good too
collaborative learning
The lectures weren't the most helpful, to be honest. The collaborative learning sections were good and sometimes provided very valuable assistance, but should probably be restructured a bit to really enable learning.
Class lectures and HW helped solidify each concept and helped prepare me for any assessments.

Please respond to the following:

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
This course challenged me intellectually.	4.06	4.00	6.25%	0.00%	6.25%	56.25%	31.25%
I understood the purpose of this course and what I was expected to gain from it.	4.00	4.00	12.50%	0.00%	6.25%	37.50%	43.75%
I understood the standards for success on assignments.	4.06	4.00	6.25%	6.25%	6.25%	37.50%	43.75%
Class time enhanced my ability to succeed in graded assignments.	4.06	4.50	6.25%	0.00%	25.00%	18.75%	50.00%
I received feedback on my performance that helped me improve my subsequent work.	3.94	4.00	12.50%	0.00%	12.50%	31.25%	43.75%
My work was evaluated fairly.	4.19	5.00	12.50%	0.00%	0.00%	31.25%	56.25%
I felt respected in this class.	4.40	5.00	6.67%	0.00%	0.00%	33.33%	60.00%
Overall, this was an excellent course.	3.81	4.00	12.50%	0.00%	12.50%	43.75%	31.25%

Additional comments about the course:

Comments
The class moved a bit fast, so sometimes if you didnt understand something, it felt like you might be left behind.
none

I would recommend this course to:

	No	Yes
Highly-motivated and well-prepared students	13.33%	86.67%
Anyone interested in the topic	26.67%	73.33%

Thinking about your time in the class, what aspect of the instructor's teaching contributed most to your learning?

Comments
the professor was always attentive and open to answering questions!
Dan is a really nice teacher and a great lecturer; however, the course curriculum was not written by him, and it was very evident! The lesson slides are very confusing, and so his lectures often confuse the students lots. The only way I learned stuff in this class was from the textbook reading.
He was very nice and a great lecturer
Lectures and Collaborative Learning Workshop
The professor provided a number of examples and was answering student questions.
The in-class practice problems
lectures were good
lecture recording videos
Office hours
His lectures were super helpful and was very understanding outside-of-class.

What could the instructor modify to help you learn more?

Comments
If possible, slowing down the speed of the class would be very helpful!
Prepare the lesson slides, homework assignments, and midterms yourself!
Change the lecture slides so students can follow better
I hope professors can slow down a bit when going through the slides on their lectures
I think that the professor could make the class more engaging, as the pace was rather slow.
He could've been a little more enthusiastic to keep me engaged, but it's not a big deal.
ed discussion could've been more active maybe
Add R lectures
Making the lectures more engaging

The Instructor . . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Organized the course clearly.	4.13	5.00	13.33%	0.00%	6.67%	20.00%	60.00%	0.00%
Presented lectures that enhanced your understanding.	3.93	4.00	13.33%	6.67%	0.00%	33.33%	46.67%	0.00%
Facilitated discussions that were engaging and useful.	3.62	4.00	13.33%	6.67%	13.33%	20.00%	33.33%	13.33%
Stimulated your interest in the core ideas of the course.	3.80	4.00	13.33%	6.67%	6.67%	33.33%	40.00%	0.00%
Challenged you to learn.	3.93	4.00	13.33%	0.00%	6.67%	40.00%	40.00%	0.00%
Helped you gain significant learning from the course content.	4.00	4.00	13.33%	0.00%	6.67%	33.33%	46.67%	0.00%
Was available and helpful outside of class.	4.43	5.00	6.67%	0.00%	0.00%	26.67%	60.00%	6.67%
Motivated you to think independently.	3.80	4.00	13.33%	0.00%	13.33%	40.00%	33.33%	0.00%
Worked to create an inclusive and welcoming learning environment.	4.29	4.50	6.67%	0.00%	0.00%	40.00%	46.67%	6.67%
Overall, this instructor made a significant contribution to your learning.	3.93	4.00	6.67%	6.67%	6.67%	46.67%	33.33%	0.00%

Please include the name of the TA/CA/Intern you are evaluating. What aspects of the TA's teaching contributed most to your learning? What could the TA modify to help you learn more? Please include any additional feedback for the TA/CA/Intern.

Comments
Avery Linder was the TA, and she was always very friendly and facilitated great conversations and groupwork! She made the environment very welcoming and made it fun to learn stat collaboratively!
Avery Linder
Jessica Gulati
Malena
Trinity Ransom – she was very helpful and willing to answer questions. I enjoyed meeting with her weekly for the collaborative learning sessions – any issues I had were due to the structure of the session more than her instruction.
Jessica Gulati. She was helpful in administering additional practice during our collaborative learning sessions.

The TA/CA or Intern. . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Facilitated discussions that supported your learning.	3.67	4.00	16.67%	0.00%	0.00%	66.67%	16.67%	0.00%
Gave you useful feedback on your work.	4.00	4.50	16.67%	0.00%	0.00%	33.33%	50.00%	0.00%
Stimulated your interest in the core ideas of the class.	3.50	4.00	16.67%	0.00%	16.67%	50.00%	16.67%	0.00%
Challenged you to learn.	3.67	4.00	16.67%	0.00%	0.00%	66.67%	16.67%	0.00%
Helped you succeed in the class.	3.83	4.00	16.67%	0.00%	0.00%	50.00%	33.33%	0.00%
Was available and helpful outside of class.	3.50	4.00	16.67%	0.00%	16.67%	50.00%	16.67%	0.00%
Overall, this individual made a significant contribution to your learning.	3.67	4.00	16.67%	0.00%	0.00%	66.67%	16.67%	0.00%

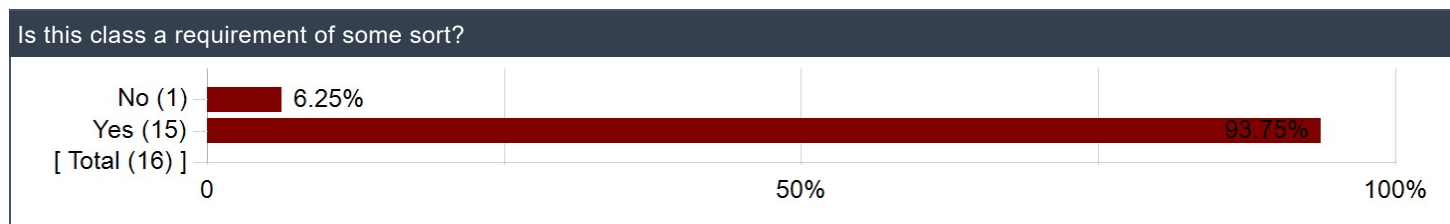
How much did the following elements of the course contribute to your learning gains?

	Mean	Median	No Gain	A Little Gain	Moderate Gain	Good Gain	Great Gain	N/A
Laboratory Experience	3.00	3.00	20.00%	0.00%	0.00%	0.00%	20.00%	60.00%
Field Trips	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Library Sessions	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Review Sessions	5.00	5.00	0.00%	0.00%	0.00%	0.00%	33.33%	66.67%
Writing Seminars	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

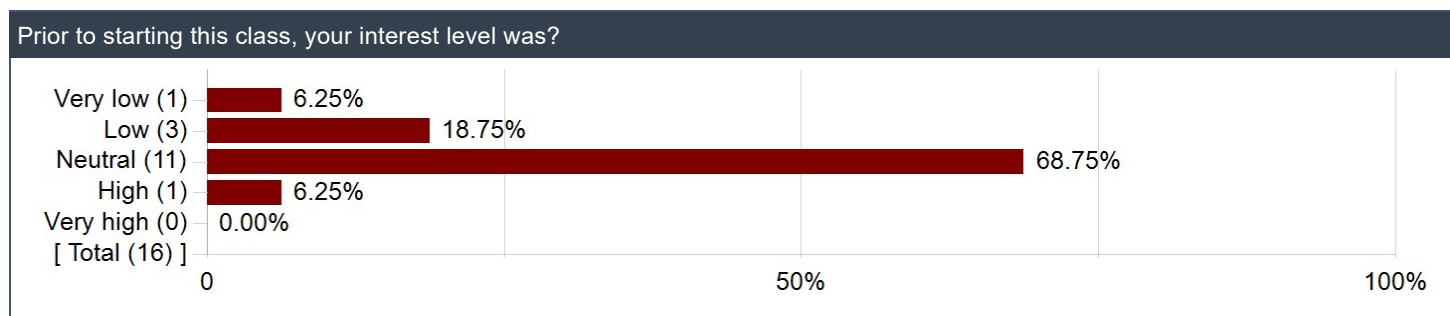
Other course elements not mentioned above:

Comments
none
Collaborative learning sessions!
none
Collaborative Learning Session – Good Gain

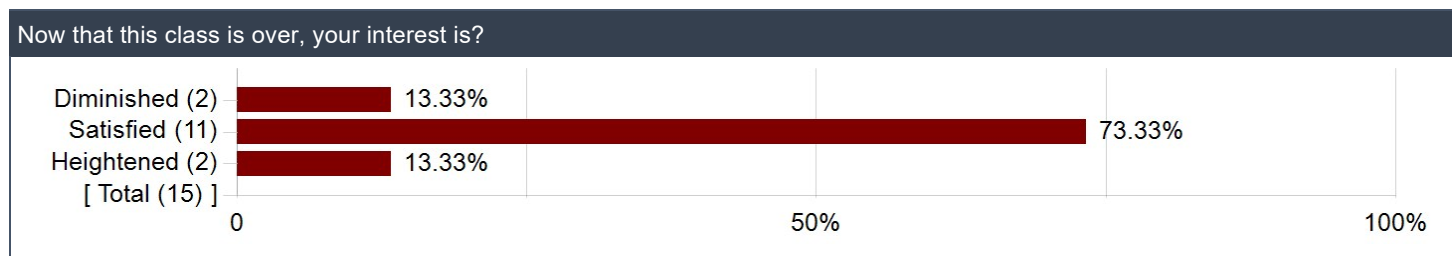
Is this class a requirement of some sort?



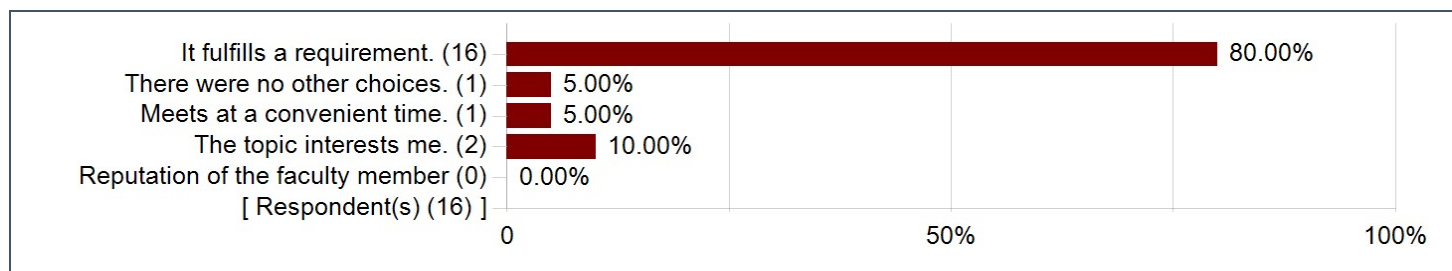
Prior to starting this class, your interest level was?



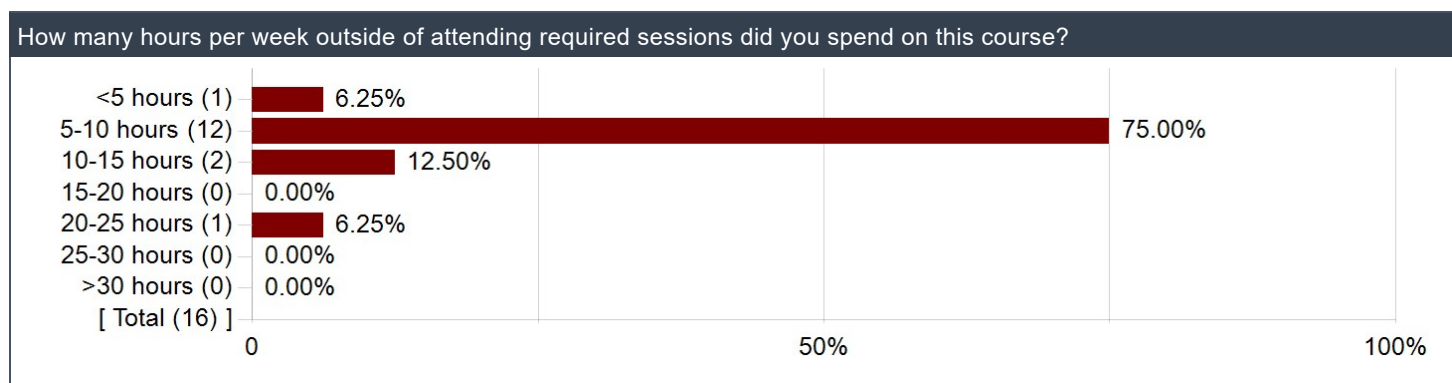
Now that this class is over, your interest is?



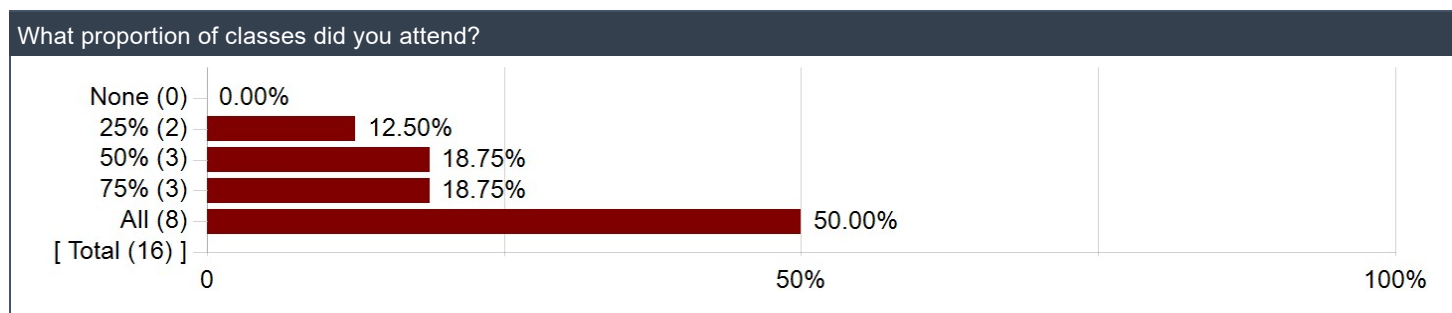
Why did you choose to take this course? (Select all that apply)



How many hours per week outside of attending required sessions did you spend on this course?



What proportion of classes did you attend?



Please comment on the level of difficulty of the course relative to your background and experience.

Comments
It was the right amount of difficulty, not too little and not too much. The only issue I had sometimes was that the class moves very quickly, especially near the end of the quarter.
Do not take this class if you want to learn statistics, it is full of a bunch of people who took AP Stats in high school and already know the entire class, so teachers don't really care to teach you!
It is certainly difficult if you have no background in statistics. Also the mean test scores are very low so the class should be curved.
The material for the first half of the course consisted of concepts I had dealt with in IB Math HL, but the latter part of the course was more challenging.
The class requires R, so you'll be fine if you know basic coding. Also, the class will probably be easy for people who have done stats before.
For me, this course became difficult after the first midterm. I think a big part of the difficulty was using R – even though I have some coding experience, I struggled with the software and it wasn't taught much in the course either. Others had an easier time in this class, but I feel taking AP Stats or some other statistics course here was very helpful in that.