202301-MATH120-0311-ELEM CALCULUS I (Hannah Hoganson) - Instructor Report - Spring 2023

Project Title: **University of Maryland Course Experiences Spring 2023**

Number of Students Invited: **197**
Number of Evaluations Submitted: **60**
Response Rate: **30%**

Report Comments

This report presents feedback received from students for the course **ELEM CALCULUS I** and for the Instructor **Hannah Hoganson** in that course. Course means are calculated from all responses by all students in the unit (i.e., course section/lecture) on that item and exclude N/A (not applicable) responses.

Indication is provided below for the Report Group if there is one affiliated with this course section, otherwise it is blank. The Report Group will be the lead section of a grouped course (i.e. multi-section lecture) and/or the primary of cross-listed courses. Subsections are found in the Instructor Subgroup Report.

Semester: Spring 2023
College: College of Computer, Math & Natural Sciences
Department: CMNS-Mathematics
Course #: MATH120
Section #: 0311, 0312, 0321, 0322, 0331, 0332, 0341, 0342
Course Title: ELEM CALCULUS I
Report Group: 202301-MATH120-0311

Instructor: Hannah Hoganson

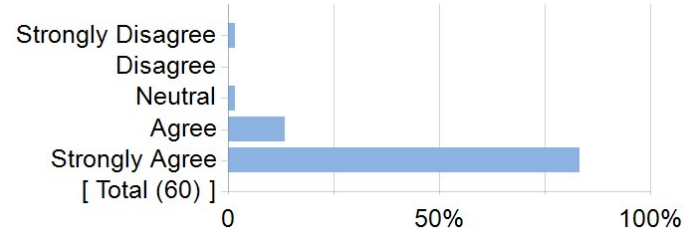
Creation Date: **Monday, June 05, 2023**

University-Wide Course Items Applied to All Section Instructors

N/A responses have been excluded from the following calculations.

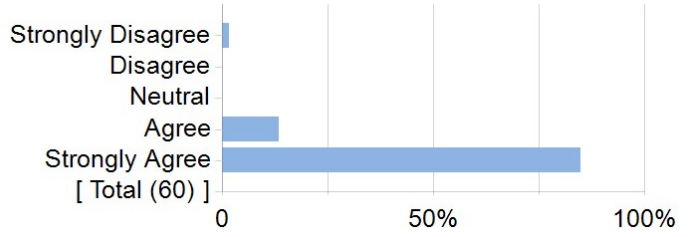
Campus Wide Course Questions

1. The content covered in the course was directly related to the course goals and objectives.



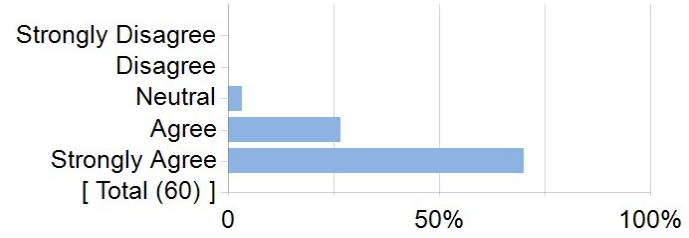
Options	Score	Count	Percentage
Strongly Disagree	0	1	2%
Disagree	1	0	0%
Neutral	2	1	2%
Agree	3	8	13%
Strongly Agree	4	50	83%
Statistics			**Value**
Response Count			60
Mean			3.8
Standard Deviation			0.6

2. The assessments (e.g., tests, quizzes, papers) were directly related to what was covered/practiced in the course.



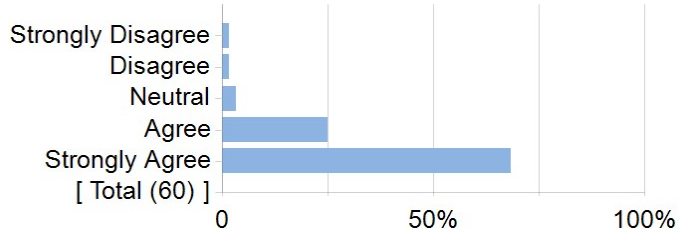
Options	Score	Count	Percentage
Strongly Disagree	0	1	2%
Disagree	1	0	0%
Neutral	2	0	0%
Agree	3	8	13%
Strongly Agree	4	51	85%
Statistics			**Value**
Response Count			60
Mean			3.8
Standard Deviation			0.6

3. The required texts (e.g., books, course packs, online resources) helped me learn course material.



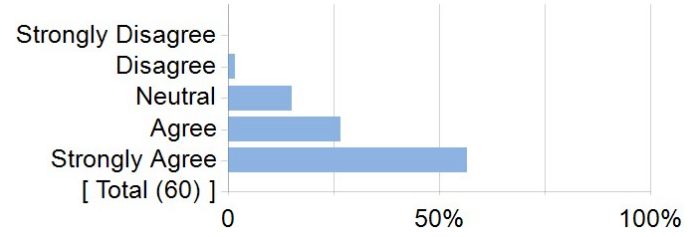
Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	0	0%
Neutral	2	2	3%
Agree	3	16	27%
Strongly Agree	4	42	70%
Statistics			**Value**
Response Count			60
Mean			3.7
Standard Deviation			0.5

4. This course pushed and expanded my ability to think deeply about the subject.



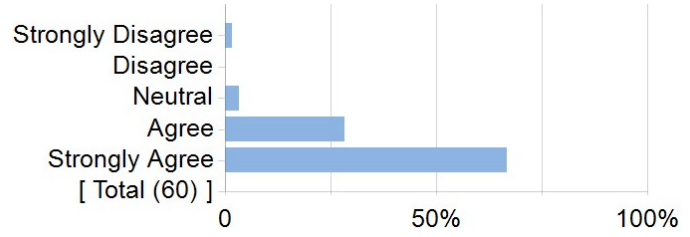
Options	Score	Count	Percentage
Strongly Disagree	0	1	2%
Disagree	1	1	2%
Neutral	2	2	3%
Agree	3	15	25%
Strongly Agree	4	41	68%
Statistics			**Value**
Response Count			60
Mean			3.6
Standard Deviation			0.8

5. I believe the content of this course was a valuable part of my education.



Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	1	2%
Neutral	2	9	15%
Agree	3	16	27%
Strongly Agree	4	34	57%
Statistics			**Value**
Response Count			60
Mean			3.4
Standard Deviation			0.8

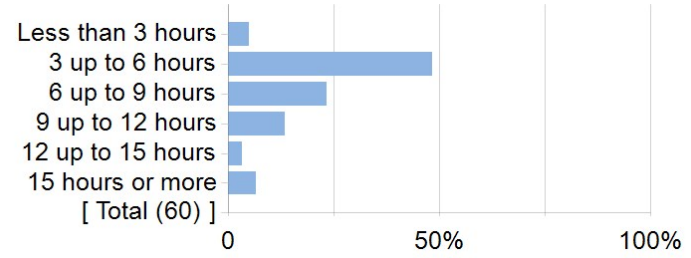
6. I believe I learned a lot from this course.



Options	Score	Count	Percentage
Strongly Disagree	0	1	2%
Disagree	1	0	0%
Neutral	2	2	3%
Agree	3	17	28%
Strongly Agree	4	40	67%
Statistics			**Value**
Response Count			60
Mean			3.6
Standard Deviation			0.7

On average, how many hours each week did you spend on this course (e.g., attending class, doing homework, studying, completing assignments)?

On average, how many hours each week did you spend on this course (e.g., attending class, doing homework, studying, completing assignments)?



Options	Count	Percentage
Less than 3 hours	3	5%
3 up to 6 hours	29	48%
6 up to 9 hours	14	23%
9 up to 12 hours	8	13%
12 up to 15 hours	2	3%
15 hours or more	4	7%
Statistics		**Value**
Response Count		60

How did this course fit into your academic plan and/or educational goals?

Options	Count
Required for program/major/minor/certificate, or as a prerequisite	57
Elective for program/major/minor/certificate	0
To satisfy an undergraduate General Education requirement	23
In preparation for research, employment, or future program/degree	6
Personal interest in content	2
Other/It doesn't	0

The counts above are based on a total of **60 responses** to the survey.

Comment Items Applied to All Section Instructors

What about the course and/or instruction most enhanced your learning?

Comments
The second half of the semester was all new content for me and I found it a lot easier to understand the way that Professor Hoganson explained it.
The flow of the course made it so that what you learned next was based on what you have learned in previous lessons which made it easier to follow
I have always struggled with math, and this is my second time taking calculus after retaking pre calculus, and I feel like I learned way more in this class than I did previously. Dr. Hoganson is excellent at explaining things and very helpful when you ask questions.
Lots of personal check ins where you had the opportunity to take stock of your learning and think about what you needed to improve on each week.
This was the best professor for this class she actually cared about our learning and made sure we were understanding the concepts and not just putting numbers on the board and hoping we got it. I really hope all professors can learn from her because she made this class less stressful and would even hype us up before the exams which was comforting.
The teacher and the TA
I like the pace of the course and her grading was clear for the tests
The homework problems and textbook helped a lot in being able to practice and prepare for the exams. Overall, the professor and TAs were willing to give as much help as possible through various office hours, zoom recording lecture, practice problems etc. We were given as much free resources as possible. The worksheets from discussion were also helpful.
The chances given to students to improve and the feedback from tests.
The way the subject was taught made me not only learn but become familiar with the subject.
discussions and exam retakes
Dr. Hoganson is the best, one of the few bright spots of the UMD Math department. Super awesome teacher and it made math fun for me. I never had an experience with math quite like with having with her. She simplifies daunting concepts into things that are digestible which is not an easy thing to do with something like calc. She is extremely personable and make work arounds and accommodate for students, she really understands her students and does what she can to help. Easily one of the best instructors I had here at Maryland.
Hannah Hoganson was such an amazing teacher; she was funny, kind and helped me learn so much.
Professor Hoganson is an amazing professor. Not only is she a kind and caring person, but she is also a great teacher that clearly explains concepts and complicated topics. She is very approachable and accessible outside of class and she wants her students to do the best they can. She is one of the best math teachers I've ever had and this is coming from a person that doesn't have a strong background in math.
Professor Hoganson is incredible. She is the best teacher I have had at UMD. I would recommend her to anybody. You can tell she actually cares.
I would say the classes were the most beneficial for my learning. The professor did a great job at showing us how to go through problems.
the lecture style of prof Hoganson was very effective in my learning. I felt engaged during the lecture and she is excellent at teaching. doing the problems with the class on the board and going over definitions made the class so much easier. her review sessions before exam were also super helpful and I appreciate her spending the time to help everyone in the course!
I liked the idea of having a reflection assignment given at the end of every week. It allowed me time to see where I was at in the

Comments
course and to really evaluate where I struggled and where I succeeded most. The Mingpress program was also very insightful and straight to the point with the added bonus of being less expensive then other math teaching programs or textbooks. I very much enjoyed and appreciated Professor Hoganson's enthusiasm and care throughout the semester, it really had an effect on me since I have never done so well in a math class before this one.
Going over the problems in depth really helped me learn more about the subject.
Completing the Ming Press homework and going through examples in class.
The course was planned very well, we would build upon previous topics we had learned in order to get into the harder topics.
I strongly believe that my professor, Hannah Hoganson, was the reason that I did so well in this course. I am not the best at math, and was honestly intimidated to take this math requirement. But, Professor Hoganson teaches in a way where everything is digestible, she doesn't move to quickly, she explains everything in detail, and just appeals to the way that I learn best. She prepared us well for the online homework and exams. She held extra office hours to make sure that everyone was understanding the topics before exams. Overall, she is a great professor and I would recommend her to anyone taking MATH120
Professor Hoganson truly seems like she wants everyone to not only succeed but to also learn the material. He policy of exam retakes highlights this in my opinion and she helped me be successful in this course. I enjoyed her class very much and highly recommend her to any future students.
Hannah Hoganson is a genuine and caring professor who only wants the best for her students. As I took a calculus course in high school, having that background knowledge allowed me to be familiar with most of the content in this course. Even without prior background knowledge, Hannah made sure all of her students were able to succeed. She often said during class, "it does not matter when you learn the content, but how you learn it", which allowed all students to succeed in her class. It was also very helpful that Hannah recorded the lectures on Zoom, which could be rewatched by students at a later date.
My professor was incredible. She explains everything so well and provides endless support and extra resources for her students. She clearly cares about us and is very passionate about math. She is amazing.
The discussions and feedback on exams were probably the most helpful for me personally. This is the first exam ever that I've gotten personal feedback on ever in my two years attending UMD and I found it very helpful to know specifically where I went wrong on something.
I loved the textbook and online homework platform Dr. Hoganson chose for the course. She followed the information in the textbook thoroughly in class, and it also corresponded well with the homework. The overall cohesiveness in the course made it easy to stay organized and do well.
My learning was most enhanced through the explanations applying the math we were working on to real–world problems. I also found the weekly reflections very helpful.
The textbook was very clear and helpful to refer to. The professor also explained the material in a clear and concise way.
This professor demonstrated excellence when teaching math by providing both explanations and examples. I'm normally not that good at math but not once did I ever feel lost when I was in her class.
The way my professor and TA explained each step in a clear way really helped with my understanding.
The professor was very caring and helpful when answering questions and helping us learn difficult topics.
The exam reviews that the professor posts before every exam.
the retake policy is very good
I loved the professor Hoganson's enthusiasm and eagerness to give as much opportunities for the students to succeed. She was probably the best professor I've ever had. She was extremely accommodating and even provided office hours after class on Fridays. I also loved the fact that discussions were treated as actual review sessions, and not solely based on quizzes and graded worksheets. I'll forever appreciate this part of the course, because in my last Math 140 class I felt a lack of confidence in being able to succeed due to their being a lack of assistance from TAs during discussions. But now I actually enjoyed learning about calculus and felt so much more comfortable.
The professor was the main part of the course that made this class enjoyable for me. She is very easy to speak to, non–judgemental, patient, and demonstrates confidence in knowledge of the content, which are all factors that enhanced my learning.
Hoganson was patient and would lets the whole class process until understood. She would give reasonable workout with in reasonable time. Not too much in one class. Paced the class perfectly and always answered questions in ways for us to better understand. Amazing prof 1000/10
Great professor.
Professor Hoganson is a phenomenal professor and I really think I wouldn't have succeeded as much as I did in this course without her as my instructor. She took the time to clearly explain each topic and ensure that everyone in the room truly understood what we were learning. She would explain from multiple different angles to appeal to how everyone learns. You could tell she cared a lot about her students. Her exams were accomplishable not because the content was easy, but because she taught us so thoroughly and wanted to ensure we would succeed.
The way the professor teached! 10/10. The way new topics were explained was fantastic. The workload was very manageable as

Comments
well and really helped reinforce the ideas
The course instruction was done in a great way. The professor's way of lecturing helped me understand the material better, and the weekly reflections, exam retakes, and homework allowed us to succeed in this class.
The discussion classes.
I liked that we were able to do reflections at the end of each week and that our homeworks could be done self paced by the end since there is often a lot going on by the end of the semester. Also, it helped that I felt the content of the course was explained thoroughly in lecture and it was clear what was expected on each exam.
It's the awesome teaching from professor Hannah, as she explained the materials really well.
amazing teacher
This course was built off of pre–calc which I took in high school, so the connection to that prior knowledge helped me succeed.
Professor H is amazing!! She really cares about her students learning and provided ample office hours/communication outside of class. She answers questions during class and provides in–depth responses that display her knowledge of the content while making the content understandable for beginners. Bring her back because she's a phenomenal instructor!

What about the course and/or instruction can be improved the next time it is offered?

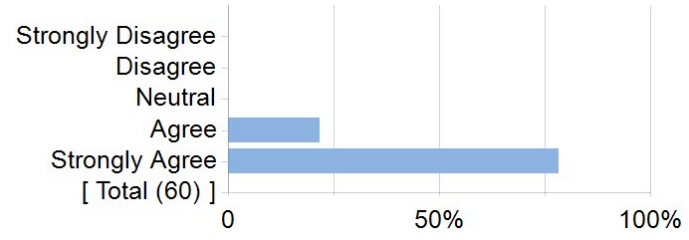
Comments
Nothing, every lecture was clear and she was great at explaining things.
Make sure everyone has a professor like her.
Na
I think it would be helpful to have practice quizzes. Some questions on tests were difficult to understand
The homework and textbook sometimes had typos or it would not accept our different format answer. It would help if the class was able to go through the most difficult question from the homework in class together since there were some questions this semester that many did not understand.
I don't know.
I have no criticism, she did a fantastic job and is easily the best professor I have had.
Nothing could be improved, Hannah is amazing
Maybe more problems directly related to the final exam
I think it would be nice to have someone assist Mrs. Hoganson with the zoom recordings and the movement of the camera during lecture meetings. I appreciated all her hard work in setting it up for the students who couldn't make it to class, but it can be a little distracting at times.
I think that it is good how it is.
I thought the instruction was great and the course itself was very straightforward, so I have no feedback on this.
I really feel like this course is perfect I enjoyed it so much.
I think that the only thing that could've improved this course would be if we were in a better classroom, but that's not the professor's fault at all.
Nothing, everything was perfect.
N/A
Having practice tests throughout the semester not just the last week before finals.
Nothing I can think of. Truly one of the most thoughtful classes I’ve taken
I think the weekly reflections were unnecessary at times, while the exam reflections were helpful to stay mindful about what to review for retakes and the final.
I think an improvement could be to have the examples in class mostly different from the textbook.
Maybe some guided study sessions instead of only office hours
Get a bigger board eraser.
I don't really have much to say this class was overall an amazing experience.
I feel like spending less time going over definitions and doing more examples problems would help out many students and get them used to the material being taught.
its hard not to fall behind because she moves too fast
Nothing.
I'm not sure how the course with THIS professor could be improved any better, Professor Hannah Hogan is the best, and she turns every situation into a better situation. However, I would say that maybe next time the course is offered, it would be better to get a room with a large whiteboard and expo markers because the chalkboard in the armory is not very convenient at times.
Make questions on mingpress a little bit more similar to test realted questions for some assignments
Offer extra assistance to the students who take leave for religious holidays.
Nothing
Only thing is with the ming press/ homework system. Sometimes I would have the right answer, but it wasnt formatted exactly how ming press wanted, therefore it wouldnt count as correct
N/A
I don't think anything needs to be improved.
I didn't find anything to be imrpoved
I felt like Hannah was a great instructor but she could have explained things more like where she got certain answers.
n/a
N/A

University-Wide Instructor Hannah Hoganson Items

N/A responses have been excluded from the following calculations.

Campus Wide Instructor Questions

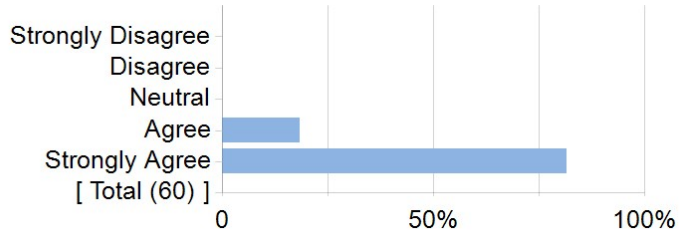
1. The instructor provided constructive feedback on my work that helped me to learn.



Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	0	0%
Neutral	2	0	0%
Agree	3	13	22%
Strongly Agree	4	47	78%

Statistics	Value
Response Count	60
Mean	3.8
Standard Deviation	0.4

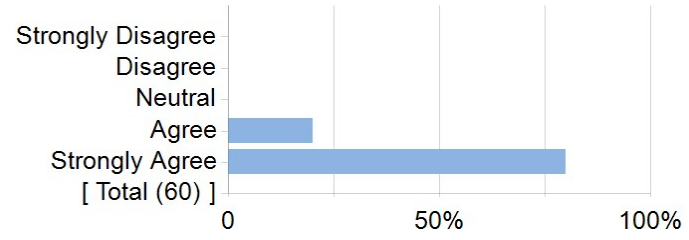
2. The instructor provided feedback in the course in time to apply it.



Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	0	0%
Neutral	2	0	0%
Agree	3	11	18%
Strongly Agree	4	49	82%

Statistics	Value
Response Count	60
Mean	3.8
Standard Deviation	0.4

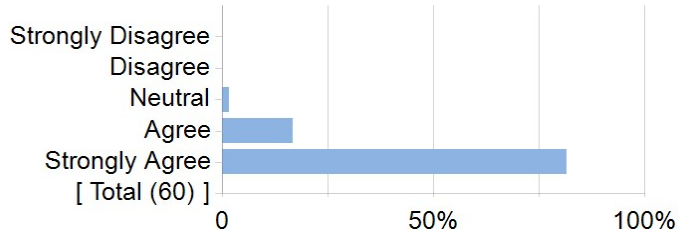
3. The instructor clearly communicated grading criteria for my work throughout the course.



Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	0	0%
Neutral	2	0	0%
Agree	3	12	20%
Strongly Agree	4	48	80%

Statistics	Value
Response Count	60
Mean	3.8
Standard Deviation	0.4

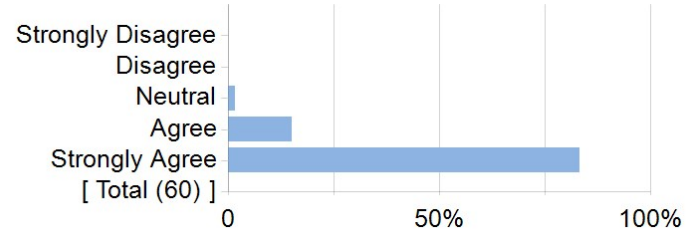
4. The instructor clearly communicated the purpose, instructions, and deadlines for my graded work throughout the course.



Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	0	0%
Neutral	2	1	2%
Agree	3	10	17%
Strongly Agree	4	49	82%

Statistics	Value
Response Count	60
Mean	3.8
Standard Deviation	0.4

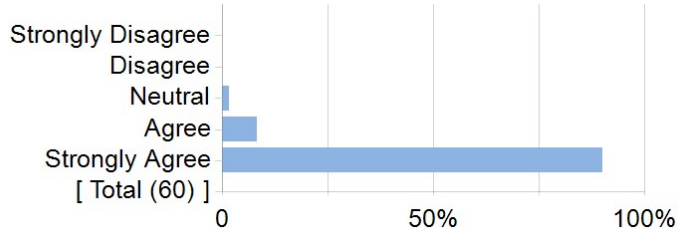
5. The instructor helped me understand new content by connecting it to things I already knew.



Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	0	0%
Neutral	2	1	2%
Agree	3	9	15%
Strongly Agree	4	50	83%

Statistics	Value
Response Count	60
Mean	3.8
Standard Deviation	0.4

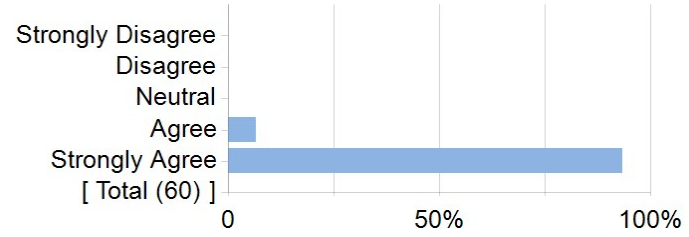
6. The instructor created an inclusive environment where **everyone** belonged.



Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	0	0%
Neutral	2	1	2%
Agree	3	5	8%
Strongly Agree	4	54	90%

Statistics	Value
Response Count	60
Mean	3.9
Standard Deviation	0.4

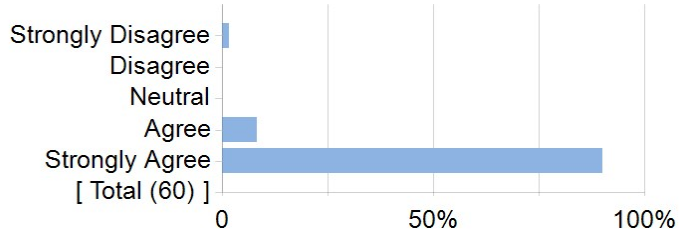
7. The instructor demonstrated confidence in **everyone's** potential to succeed in the course.



Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	0	0%
Neutral	2	0	0%
Agree	3	4	7%
Strongly Agree	4	56	93%

Statistics	Value
Response Count	60
Mean	3.9
Standard Deviation	0.3

8. I felt like the instructor cared about my learning in the course.

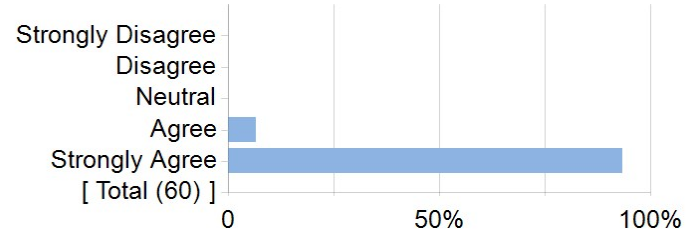


Options	Score	Count	Percentage
Strongly Disagree	0	1	2%
Disagree	1	0	0%
Neutral	2	0	0%
Agree	3	5	8%
Strongly Agree	4	54	90%

Statistics	Value
Response Count	60
Mean	3.9
Standard Deviation	0.6

Campus Wide Instructor Questions (continued)

9. I would recommend this instructor to other students for this course.



Options	Score	Count	Percentage
Strongly Disagree	0	0	0%
Disagree	1	0	0%
Neutral	2	0	0%
Agree	3	4	7%
Strongly Agree	4	56	93%
Statistics			**Value**
Response Count			60
Mean			3.9
Standard Deviation			0.3

End of Report