

IOWA STATE UNIVERSITY  
OF SCIENCE AND TECHNOLOGY

To: Alexander Stoytchev  
Personal and Confidential

CPR E Survey Evaluation Results for 2017 Fall

Alexander Stoytchev,

In the attachment you will find the evaluation results of the survey CPR\_E-  
GroupingAS-281-all-Stoytchev.

If you have questions or comments contact your Class Climate CPR E Administrator  
or email [course-evaluation@iastate.edu](mailto:course-evaluation@iastate.edu)

- ISU CPR E Online Course Evaluation Administrator

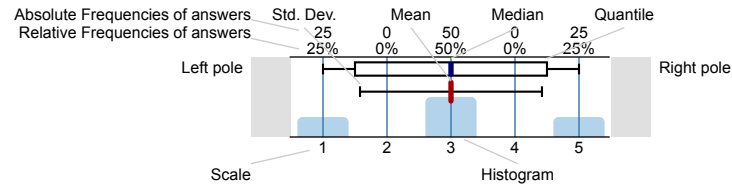
## Alexander Stoytchev

CPR\_E-GroupingAS-281-all-Stoytchev (CPR\_E-GroupingAS-281-all-Stoytchev) LEC LEC-Survey  
 No. of course participants = 301  
 No. of responses = 102  
 Response Rate: 33.89%

IOWA STATE  
UNIVERSITY.

## Legend

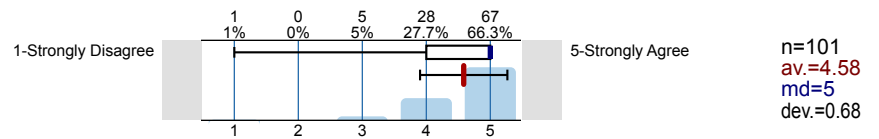
Question text



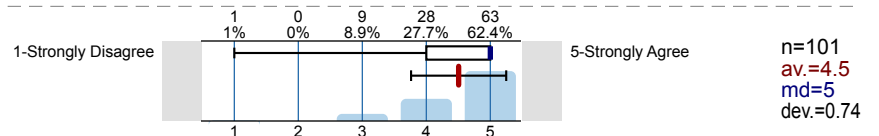
n=No. of responses  
 av.=Mean  
 md=Median  
 dev.=Std. Dev.  
 ab.=Abstention

## Teaching Methods / Strategies / Practices

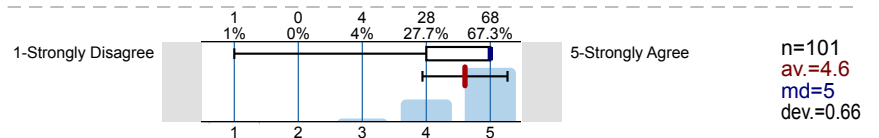
1. The instructor expresses clear expectations for my learning in this class:



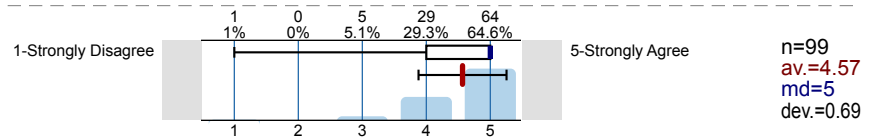
2. The instructor uses effective teaching methods:



3. The instructor has created a positive, respectful, and inclusive learning environment:



4. The instructor is available to answer questions:



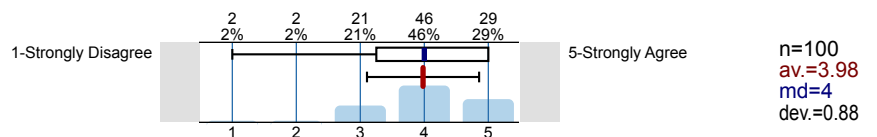
5. Additional comments:

- Fantastic professor
- Gave more effort than necessary, but was greatly appreciated. He put a lot of work and effort into the class and it made it worth while to be at a 4-5 PM lecture.
- Great prof
- Great teacher, best I've had in a long time
- Great teaching
- He does a great job explaining strange or confusing concepts.
- He was a very good and funny teacher
- I liked how the lecture slides were available before the lecture and how the professor utilized writing on the slides during lecture instead of using a laser pointer.
- I liked that the homeworks had an increasing difficulty level to them, because it forced me to work harder and learn the material- hence I was able to put in extra hours during the week on the homework which helped in studying.
- I wish in the early sections of the text that we cover more real life examples of the usefulness of what we are learning.
- Incredibly clear and helpful powerpoints and lectures.

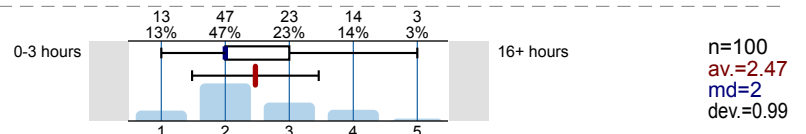
- Lectures tend to be funny and engaging.
- None (2 Counts)
- One of the best instructors I've had here at Iowa State.
- PLEASE POST HOMEWORK ANSWERS
- Please make the final project easier, it's not worth enough points to justify the amount of time we spend on it.
- Sometimes teaching is excessively redundant and slow. Teaching methods didn't change a whole lot from that. Questions were answered in a displeased or bothered manner (from my perspective)
- Stoytchev's a really funny and chill guy, easy to walk up to and ask questions, and one of my favorite professors honesty.
- The lecture slides were a useful summary of the book chapters. They were clear and provided many examples.
- Very much loved his side comments - has a great sense of humor and explains topics thoroughly.
- dope teacher
- n/a

### Student Involvement / Engagement

6. I am prepared and I actively participate in this class:



7. On average, I have spent \_\_\_\_\_ hours per week doing work **outside of class** for this course:



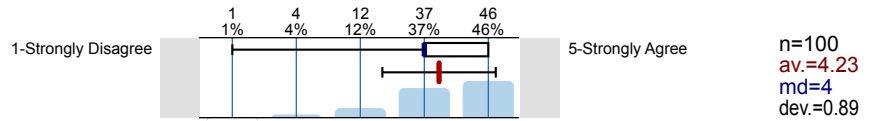
8. Additional comments:

- I didn't have a Thanksgiving break because of the final project, at least I finished it. :'(
- I think that doing the readings before the lecture that covers the topic is the best way to take this class. Without reading ahead of time, some of the later topics in the course can be extremely overwhelming to learn for the first time in lecture.
- Lots of homework, but it was pretty helpful.
- Love this class - slightly biased though.
- None (2 Counts)
- Of course I spent waaaay more hours on the final project, even though I didn't get it to work properly.
- Probably could've done more, but the lectures were easy to follow and the fact that they were posted online helped as well.
- Professor did a fine job, but can the same be said for me..?
- Some of the lectures got dry and boring but there isn't much that can be done
- Students can learn a lot from going through the lecture slides by themselves and doing to homework for full understanding. Having the practice exams from previous years was extremely helpful.
- The homework took me far more time than it took my friends. I don't know why, but most of the time it took me 5+ hours to finish.
- Though the final project was difficult for me, it definitely gave me a better understanding of the practical application of the concepts we learned in this class and I did enjoy it.
- homework is always on material behind our lectures
- homework is much harder, and final projects eat up 30+ hours

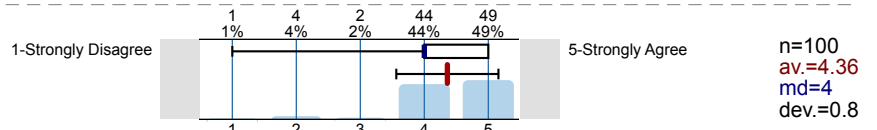
- workload isn't balanced/even  
also: PLEASE POST HOMEWORK ANSWERS

### Evaluation of Course Materials (Resources, Assignments, Assessments)

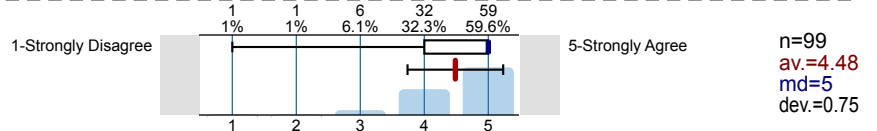
9. My instructor emphasizes the importance and relevance of this material to my professional development:



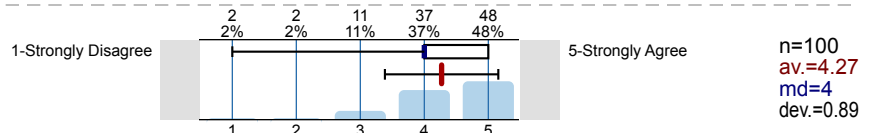
10. The assignments and activities in this course are useful:



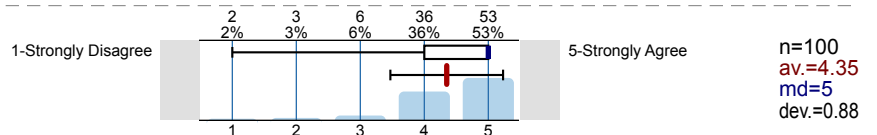
11. The instructor uses clear evaluation criteria:



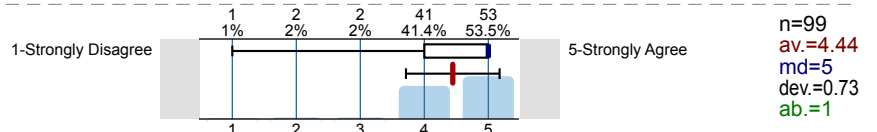
12. The feedback on my work is timely and informative:



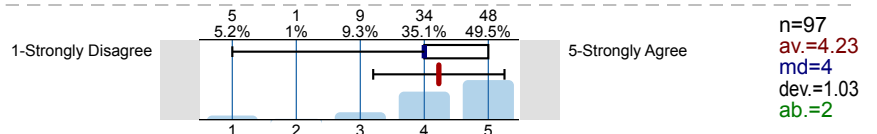
13. If there are tests, they accurately assess what I have learned in this course:



14. If there is a lab, it is coordinated with the lectures:



15. The required text materials (e.g. textbook, lecture notes, course packet) for this course are useful



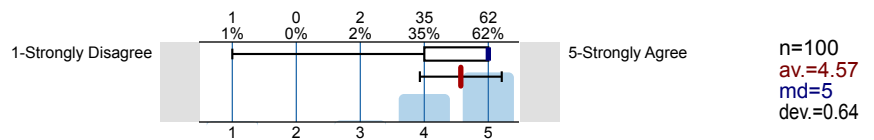
16. Additional comments:

- Everything worked well together and had large connections. Nothing we did seemed to be for no reason and it all built together in a easy to see way. It was very useful and appreciated. Make sure the connections say clear.
- Great class. Very interesting.
- I don't know how you guys manage to return test grades within a day but it's awesome. You deserve all the TAs you ask the department for.
- I liked how the exams covered a little about almost everything we covered instead of a lot of a little topics. I would have liked to see more step by step solutions on the homework solutions.
- I was most upset about the final project. I liked the project it was challenging. I didn't like that there weren't enough computers for everyone. I shouldn't have to go in at midnight to work on a project. I also didn't like that the boards are starting to break down so you had to change your code depending on what board you had.
- It might be better to separate labs from recitations because many people did not pay attention at all during recitation (they started working on the lab). The TA was just talking to himself most of the time.
- Lecture notes were very helpful in class and outside class.
- None
- None

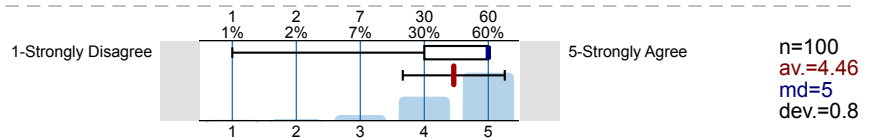
- PLEASE POST HOMEWORK ANSWERS  
also the extra credit wasn't worthwhile
- Quartus is unbelievably frustrating to use and I want to express my general distaste for its clunkiness and frustrating user experience.
- The homework assignments could get a bit repetitive.
- The lecture slides posted on the class website and the solutions to the homeworks were very useful.
- The textbook is almost exactly what he teaches. So coming to class prepared usually results in a dull lecture because it goes over the exact same thing in a similar way.
- Very well organized class.
- We never learned how to debug an FPGA, which made the final project an absolute nightmare. Also, the final project only being 7% makes absolutely no sense. I spent at least 50 hours and lost so much sleep because of it.
- lab ..... 8am ...
- n/a

### General Summative

17. Overall, the instructor has been an effective teacher:



18. Overall, this course has been effective in advancing my learning:



19. Final comments:

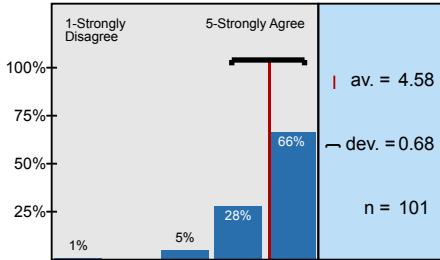
- :)
- Awesome professor, but wish he had actual office hour
- Best professor I've had so far.
- Clearer explanation of what is needed for the final project would be grand, so someone else down the road doesn't put countless hours of work into it just to receive 0 points.
- Dr. Stoytchev is a fantastic instructor and I feel that my learning has been greatly accelerated by his great understanding of the subject and desire to see us succeed. He has been a great motivator for us to perform as students to the fullest of our potential and has reshaped my expectations of what a good instructor should be. It is hard to be motivated to come to a 4 pm lecture three days a week for an entire semester. I have often thought that it would be easier if I went home, but I understood that I would be missing a fantastic learning opportunity from a great lecturer. I recall that on the first day we began to pack up early, and Dr. Stoytchev said, "You are paying for this class, demand that I teach until 5, be happy when I teach longer." This has helped me change my expectations for other professors. Dr. Stoytchev is correct and he understands the monetary value that we have placed in his lessons, thus he, like a Star Wars movie, gives us our monies worth. Thank you Dr. Stoytchev.
- Even though the final project took a bunch of time (I probably spent around 50 hours on it), I think this activity was the best thing to apply our knowledge from the class. After doing it, I really feel like I could use what I learned in this class for actual projects.
- Good course, wonderful instructor.
- Great course. Professor Stoytchev is an excellent professor. The lectures are humorous and interesting. I learned digital logic.
- Great professor, the only thing he could have changed to make it better would be to help the substitute that came in to better explain the materials which was out of his control at some point. Everything else was spot on.
- I am really tempted to learn Assembly, I was already tempted because I learned a lot of old games were coded in Assembly, but now I am more tempted because of this class.
- I very much enjoyed the class and had a good time understanding the concepts in this course. Thank you for a wonderful semester Professor!
- Keep it up, shorten the lectures slightly if at all possible, review sessions halfway between midterms may help seal in the knowledge

gained.

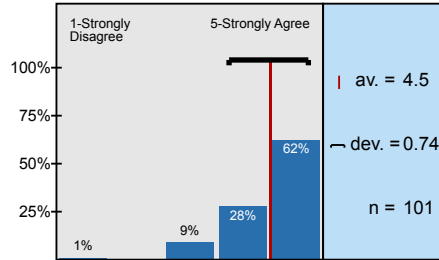
- Later material gets pretty intense in my opinion, but the importance of staying on top of learning is based on the student's willingness to study.
- Lectures grow very repetitive when there is so much overlap between slides from one lecture to the next. It would also be nice to reward participation via Tophat in the future
- None (2 Counts)
- PLEASE POST HOMEWORK ANSWERS  
also the extra credit wasn't worthwhile  
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also the extra credit wasn't worthwhile
- Please make the final project easier, it's not worth enough points to justify the amount of time we spend on it.
- Pretty neat course.
- Sometimes he goes a little too fast. It's daunting to ask questions to a big lecture, so I wish that he would provide more time for interaction between students and the professor. I feel like when we finish a lecture and he asks, "anyone have questions?" no one is going to raise their hand because it's scary. I wish he would provide more opportunity for questions. His lecture slides are really helpful though and he makes sure to explain things every time, multiple times, which helps me remember things. I really like the way he lectures, I just wish we could slow down on occasion.
- Sometimes the lectures got a little dry but there isn't much that can be done by that.
- Stoytchev is awesome!!!!
- Stoytchev is one of the best professors I've had. He practically has teaching this class down to a science. He knows what will make sense to us and does a great job of teaching. His slides are some of the best I've seen. He clearly puts a lot of work into them. They enable the students to learn visually, which I think is very important.
- The final project, I felt, was really above and beyond what was covered in class. I had a strong grip on all concepts at the beginning of the semester, then a decent grip towards the last half, and then the final project was really a punch in the face.  
  
One last note that I noticed from the final project, none of the TAs had the same guidelines for grading projects. One of my friends lost 2 points for writing the project solely in Verilog. Another friend lost 10 points for writing the project solely in Verilog. I lost 0 points for writing the project solely in Verilog. I felt this was dumb because Verilog (which was briefly taught to begin with) proved to be so much simpler and more efficient than spending hours writing out and mapping logic gates with BDF files. Create a more unified rubric for future TAs.  
  
Overall, I really enjoyed the course and felt Alex was very passionate about the topics. One of my favorite professors at Iowa State so far.
- The tests are so stressful due to their time-restraint, I wish there was more time.  
  
Also, the final project is so hard. Please to any future students reading this: do NOT procrastinate it. The labs are almost full the week prior to the week where you need to demonstrate them to your TAs, and they're definitely going to be full the week you need to demonstrate them. I'm actually currently sitting in the TLA rather than a lab room on Sunday waiting for one of the lab rooms to not be full so I can do some last tweaks on my final project.
- This class requires a insane amount of time each week. Also, I do not feel I will use most of this information again as a SE major.
- This course should remain a requirement for computer science and software engineering majors. It teaches the fundamentals of computers that are otherwise overlooked.
- While it isn't an easy class by any means, this class has been the best I've had so far at clearly and effectively explaining new material. The lectures and labs are very well thought out and the amount of effort that has gone into them has definitely paid off. The only criticism I have is that the final project is incredibly difficult if you don't have a good understanding of Verilog and resort to doing most of it in block design. I think we weren't well prepared to fully implement any of the project options because of this.
- You need more labs, just for the final project. It was insane trying to get time to work on it as the labs were always full.
- dope dude man
- great course
- n/a

# Histogram for scaled questions

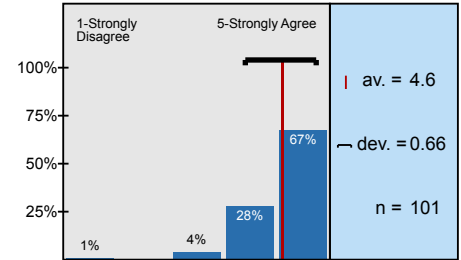
1. The instructor expresses clear expectations for my learning in this class:



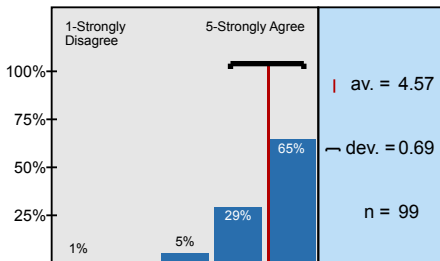
2. The instructor uses effective teaching methods:



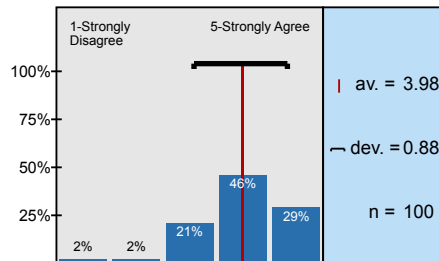
3. The instructor has created a positive, respectful, and inclusive learning environment:



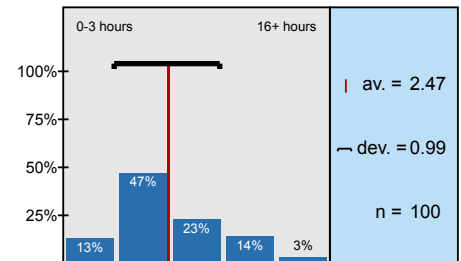
4. The instructor is available to answer questions:



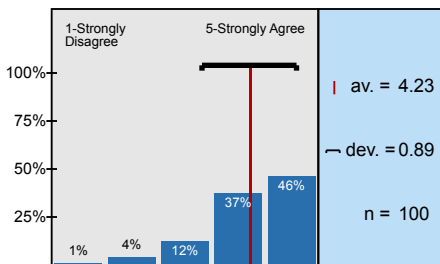
6. I am prepared and I actively participate in this class:



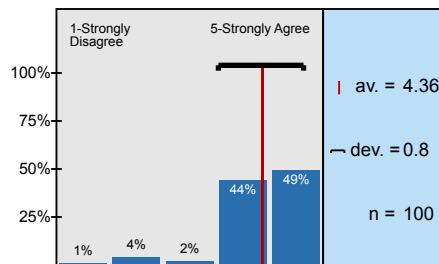
7. On average, I have spent \_\_\_\_\_ hours per week doing work **outside of class** for this course:



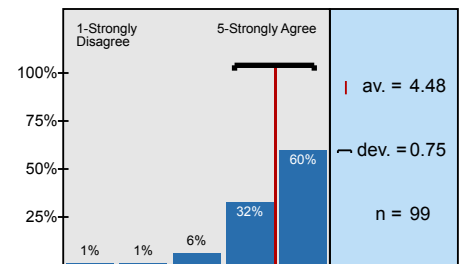
9. My instructor emphasizes the importance and relevance of this material to my professional



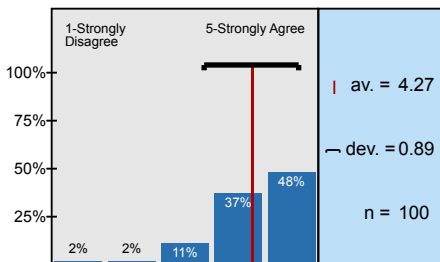
10. The assignments and activities in this course are useful:



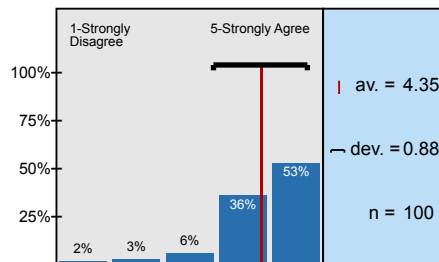
11. The instructor uses clear evaluation criteria:



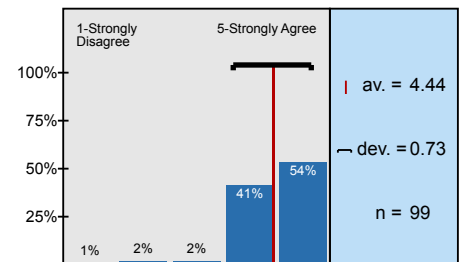
12. The feedback on my work is timely and informative:



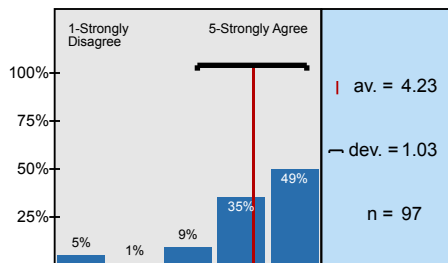
13. If there are tests, they accurately assess what I have learned in this course:



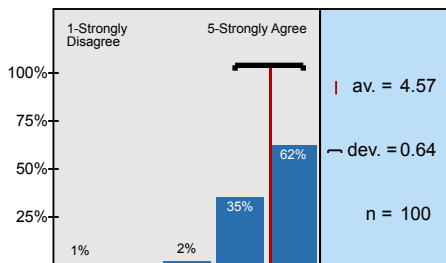
14. If there is a lab, it is coordinated with the lectures:



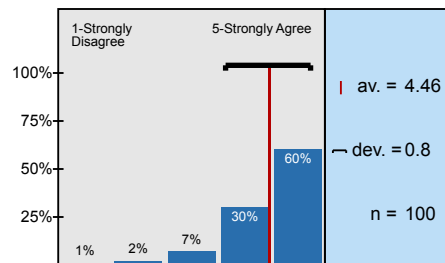
15. The required text materials (e.g. textbook, lecture notes, course packet) for this course are useful



17. Overall, the instructor has been an effective teacher:



18. Overall, this course has been effective in advancing my learning:





# Profile

Subunit: CPR E  
 Name of the instructor: Alexander Stoytchev  
 Name of the course: CPR\_E-GroupingAS-281-all-Stoytchev  
 (Name of the survey)

Values used in the profile line: Mean

## Teaching Methods / Strategies / Practices

1. The instructor expresses clear expectations for my learning in this class:	1-Strongly Disagree		5-Strongly Agree	n=101	av.=4.58	md=5.00	dev.=0.68
2. The instructor uses effective teaching methods:	1-Strongly Disagree		5-Strongly Agree	n=101	av.=4.50	md=5.00	dev.=0.74
3. The instructor has created a positive, respectful, and inclusive learning environment:	1-Strongly Disagree		5-Strongly Agree	n=101	av.=4.60	md=5.00	dev.=0.66
4. The instructor is available to answer questions:	1-Strongly Disagree		5-Strongly Agree	n=99	av.=4.57	md=5.00	dev.=0.69

## Student Involvement / Engagement

6. I am prepared and I actively participate in this class:	1-Strongly Disagree		5-Strongly Agree	n=100	av.=3.98	md=4.00	dev.=0.88
7. On average, I have spent _____ hours per week doing work <b>outside of class</b> for this course:	0-3 hours		16+ hours	n=100	av.=2.47	md=2.00	dev.=0.99

## Evaluation of Course Materials (Resources, Assignments, Assessments)

9. My instructor emphasizes the importance and relevance of this material to my professional development:	1-Strongly Disagree		5-Strongly Agree	n=100	av.=4.23	md=4.00	dev.=0.89
10. The assignments and activities in this course are useful:	1-Strongly Disagree		5-Strongly Agree	n=100	av.=4.36	md=4.00	dev.=0.80
11. The instructor uses clear evaluation criteria:	1-Strongly Disagree		5-Strongly Agree	n=99	av.=4.48	md=5.00	dev.=0.75
12. The feedback on my work is timely and informative:	1-Strongly Disagree		5-Strongly Agree	n=100	av.=4.27	md=4.00	dev.=0.89
13. If there are tests, they accurately assess what I have learned in this course:	1-Strongly Disagree		5-Strongly Agree	n=100	av.=4.35	md=5.00	dev.=0.88
14. If there is a lab, it is coordinated with the lectures:	1-Strongly Disagree		5-Strongly Agree	n=99	av.=4.44	md=5.00	dev.=0.73
15. The required text materials (e.g. textbook, lecture notes, course packet) for this course are useful	1-Strongly Disagree		5-Strongly Agree	n=97	av.=4.23	md=4.00	dev.=1.03

## General Summative

17. Overall, the instructor has been an effective teacher:	1-Strongly Disagree		5-Strongly Agree	n=100	av.=4.57	md=5.00	dev.=0.64
18. Overall, this course has been effective in advancing my learning:	1-Strongly Disagree		5-Strongly Agree	n=100	av.=4.46	md=5.00	dev.=0.80