

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

To: Alexander Stoytchev
Personal and Confidential

CPR E Survey Evaluation Results for 2019 Fall

Alexander Stoytchev,

In the attachment you will find the evaluation results of the survey CPR_E-
GroupingAS-F19-281-Stoytchev-all.

If you have questions or comments contact your Class Climate CPR E Administrator
or email course-evaluation@iastate.edu

- ISU CPR E Online Course Evaluation Administrator

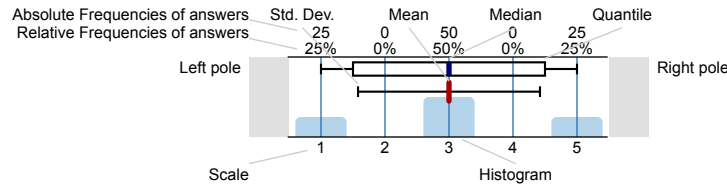
Alexander Stoytchev

CPR_E-GroupingAS-F19-281-Stoytchev-all (CPR_E-GroupingAS-F19-281-Stoytchev-all) LEC LEC-Survey
 No. of course participants = 245
 No. of responses = 78
 Response Rate: 31.84%

IOWA STATE
UNIVERSITY.

Legend

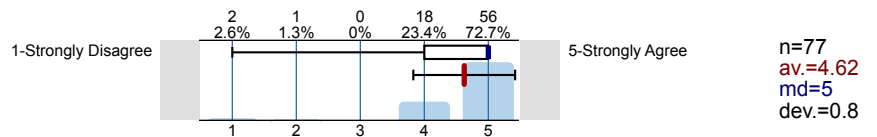
Question text



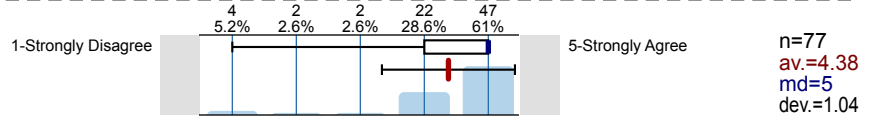
n=No. of responses
 av.=Mean
 md=Median
 dev.=Std. Dev.
 ab.=Abstention

Teaching Methods / Strategies / Practices

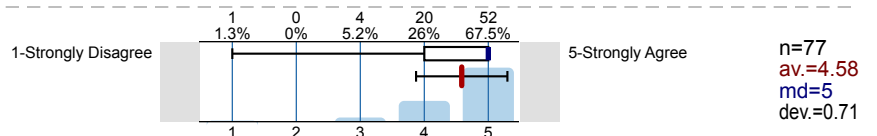
1. The instructor expresses clear expectations for my learning in this class:



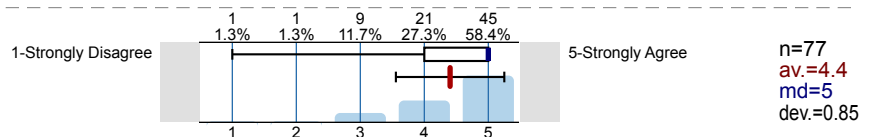
2. The instructor uses effective teaching methods:



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



4. The instructor is available to answer questions:



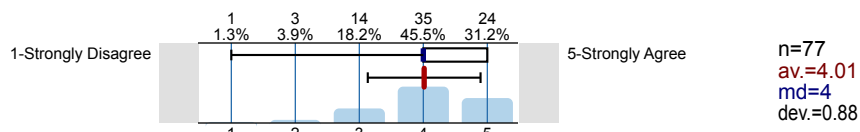
5. Additional comments:

- 10/10 highly recommend
- Alexander Stoytchev is by far the best instructor I have ever had! He brings great optimistic energy with him in every single one of his lectures and you can really see that he thoroughly enjoys teaching the class which in turns makes me excited to learn in class. He is the only professor I have had so far that has really made me feel excited to come to class or to just even look forward to being in class.
- Clearly puts a lot of effort into the lecture materials.
- Dr Stoytchev is a very entertaining and insightful lecturer that gives thought and reason to the slides he presents to the class. I thought he was very clear is what was expected of lecture and what was expected that we learn on our own
- He was available, it just did not work with my schedule (his office hours were always after class, but I always had class or meetings right after). Other than that, he was a great professor and his slides are very well put together and animated. He also explains them very well. The environment he creates is competitive but also encouraging. He pushes us to be more than proficient in the material.
- I spent more hours in this class and still getting nothing out of it. grading system is to bad, no partials credits given compare o solved questions, TA's are very harsh in terms of grading. exams in this class with this professor were very very complicated and hard, compare to the other professor who is teaching the same class. very long home works, and bad grading .
- I would suggest having a two hour lab and then having the TA's have office hours instead of the current three hour lab format.
- Instructor is focused on student understanding, and formats his lectures to clearly explain and review content with students.
- Kind of scary approaching this prof considering how many students there are but he did well on making it so your TA's had time to meet as well which was good.

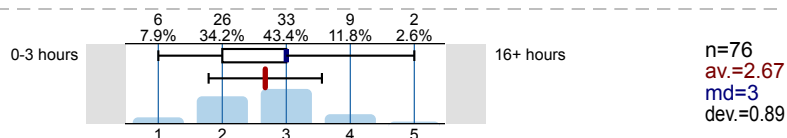
- Professor Stoytchev is a great teacher, and his lectures are always a joy to go to
- Professor seems very knowledgeable and interesting, but is limited to teaching a somewhat boring class almost exclusively reading from black and white-themed powerpoint slides, which is extremely hard to keep engaged with.
- Really good job with the lecture slides to make sure all students understand. Tests are fair and require students to think. Well done.
- The course schedule is followed perfectly day by day. This is by far the most structured course with the most clear expectations of any I've taken at ISU.
- The final lectures about the 281 iCPU felt pointless until I discovered that material would be on the final I appreciated that the lecturer really seemed to care about his lectures
- The instructor is very obviously putting time and effort into his lectures. Starting the class off with the joke of "welcome to Calc 5" set the tone for the course, this is a serious topic that we can have fun with. Stoychev did a fantastic job of walking us through from the basics all the way up to the 281CPU, showing us that EVERY problem can be broken down into easy to work with parts.
They say a picture is worth a thousand words, and Stoychev had hundreds of pictures, with arrows and annotation, animated. And then he'd draw on them to make them even more apparent.
I'm confident that ANYONE could take this course, with zero background, and would come out with a working understanding, Purely due to the proficiency of the lectures.
The lectures were so well laid out, that most of the questions students asked were able to be answered by the next few slides. We'd be primarily asking questions trying to move ahead, rather than re-explain.
- The use of slideshows that the professor actively writes and draws on is very helpful. It makes the class 'come alive' more so than a class that just flips through the slides. Overall, very funny teacher that clearly knows exactly what he is talking about. 'Nerdy' asides were always interesting and helpful.
- This man makes teaching seem fun, he knows what he is doing and makes sure that to make others enjoy learning it.
- Very fast in responding to email questions.
- bad class
- he is funny
- very disappointed with course. signed up for calc 5, got digital logic. 3/10, still useful.

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:

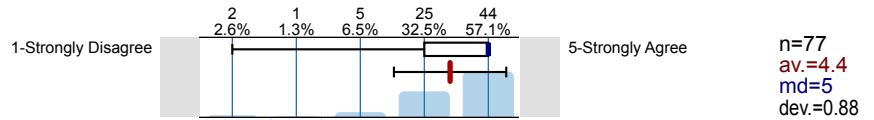
- Homework for this class in no joke! The labs didn't require extra time outside of class but the homework usually took me about 4-5 hours to complete and then an additional 2 hours to go over with friends. Usually the homework required extrapolating what was learned in class to an extent that was more than any other class I have taken.
- Homework is the most lengthy thing that was done.
- Homework was very challenging and time consuming for me personally, but at the same time I learned a lot doing them, and they were very necessary for being successful on exams (I still had to do a lot of studying and practice aside from HW).
- I need to put more time in
- I spent more hours in this class and still getting nothing out of it. grading system is too bad, no partials credits given compare to solved questions, TA's are very harsh in terms of grading. exams in this class with this professor were very very complicated and hard, compare to the other professor who is teaching the same class. very long home works, and bad grading .
- I've not seen a professor who puts more time into his lectures, nor TA's who put more effort in, nor a better-coordinated lecture/lab/book/homework.
It made it accessible to participate, as everything supported everything. Due to the quality of the lecture, there was not much time needed outside of class. I was able to complete the homework in 3-6hrs and the book didn't take more than an hour or two each week.

Its a 4 credit course with lab, but the content comes so easily that It doesn't feel difficult.

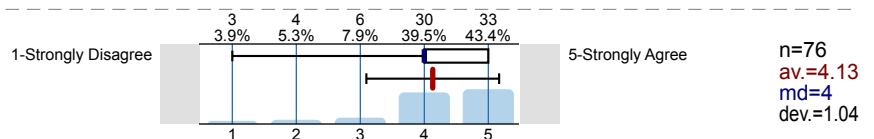
- Notable workload increase after the second midterm, making homework difficult but not entirely unmanageable. In conjunction with other Junior-level courses, it was a worthwhile learning experience regarding time management.
- Some of the homework problems were challenging, which was expected, but on some I never knew what was being looked for as an answer or how it would be graded.
- Some of the homework questions felt confusing / poorly worded
Keeping up with the homeworks / labs was time consuming but I learned a lot
- Some times teh homework goes over things we have not even talked about.
- The amount of time we were forced to do homework was ridiculous since the homework was barely related to what we were being taught in class and our TAs couldn't help because it took them 1 hour/problem to explain in recitation.
- The courseload is very reasonable.
- The homework had too little feedback to prove useful in learning the concepts.
- The homework often felt as if it was assign before the material on it was taught or assigned.
- The homework starts out easy then slowly gets more abstract from the course material. I thought the homework had some weird wording and mistakes that make you wonder if you actually know the course content, only to find out that a problem is worded poorly or of the like. Besides issues with the setup of the homeworks, they did help to prepare and practice the material for the exams in the course.
- The homework was sometimes very tedious and didnt help with what we were currently learning. For example having to do 9+ k-maps on the very last homework was not needed and made me really not want that extra credit.
- The work load is fair for the course.
- a
- the hw is way too hard

Evaluation of Course Materials (Resources, Assignments, Assessments)

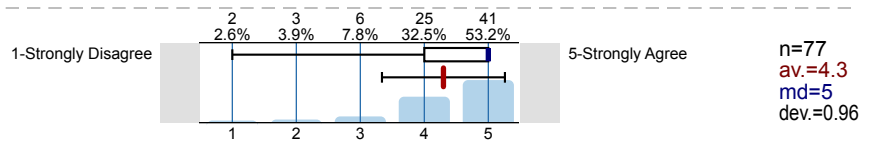
9. My instructor emphasizes the importance and relevance of this material to my professional development:



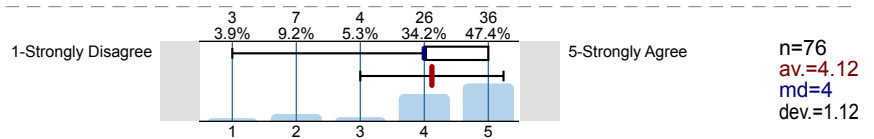
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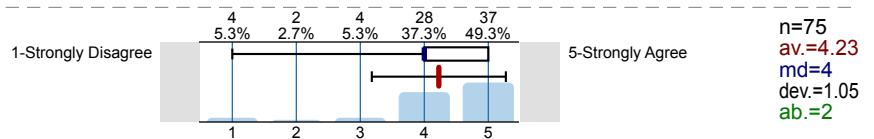
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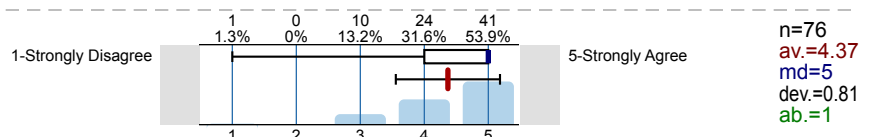
12. The feedback on my work is timely and informative:



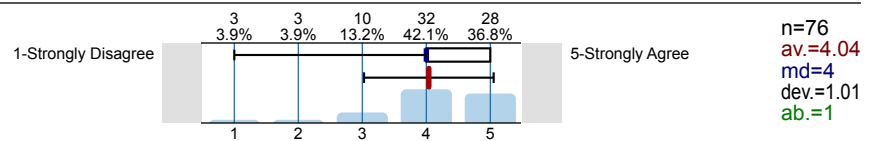
13. If there are tests, they accurately assess what I have learned in this course:



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:

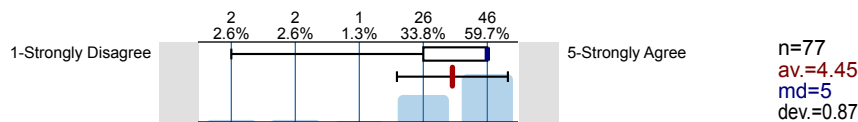
- Feedback/Grades for homework was unfortunately slow at times. For exams and labs, it was always timely.
- Great textbook
- He put questions on the test and I quote "I put this question on the test because I didn't expect anyone to get it right". There is a reason his avg test grades on test2 was 20% lower than the other teachers....wish I got lucky and had the other guy.
- Homework is graded unfairly and sometimes the grade I receive makes no sense.
- I did not read the sections of the textbook as it felt redundant with the lecture content, but it did help when reviewing to help practice and understand the concepts that the course holds. I thought the exams were fair, and showed if you knew the course content because if you didn't you were losing points.
- I feel the test are too long while I can know the content well I may not be able to speed through the test. I feel if the questions were slightly harder but the test was shorter this could balance the test better.
- I read the book for about a week
My last 5 homeworks weren't graded until December
- I spent more hours in this class and still getting nothing out of it. grading system is to bad, no partials credits given compare o solved questions, TA's are very harsh in terms of grading. exams in this class with this professor were very very complicated and hard, compare to the other professor who is teaching the same class. very long home works, and bad grading .
- It was nice having previous years' exams to study from.
- Keep making the tests difficult, they're brutal to take In the moment but they really challenge my skills in this class, and I feel like I've retained what I've learned better from those hard tests
- Lecture notes were great and textbook was mostly great. Sometimes it felt like the textbook let me down a bit. You should definitely write your own textbook! If your passion for teaching came through at all in the textbook, it would be an amazing textbook.
- Our TA that graded homeworks and labs was working on his PhD and did not return most of them until later in the semester. The tests were returned very quickly which was great! The tests seemed designed to be too difficult for most students at this level on purpose which was frustrating.
- So for the feedback portion. Most of our homework is weeks behind being graded. I understand why the grader is behind. What I dont understand is why there is one grader for a couple hundred students.
- Stoytchev is the best engineering professor I have had so far
- Tests are stupidly long making it a race against time which shows nothing about what you actually know in the course. ALso why do EE students have to take this? IDK.
- Textbook was useful for example and some explanations when I missed something in lecture.
- The final project required too much work to only be 7% of my final grade.
- The final project was my favorite part of this class, it is really nice to be able to piece everything together and see how far you have come. The labs are boring and I feel that I learned most from doing the homework.
- The homework was a good combination of thought puzzles and repetition. It never felt like the professor just added questions to make us work, but rather felt like he was having us view the same content from different angles. I never felt like busywork. Reading the textbook was helpful, but the lectures were so detailed and well put together that the book and the lecture mirrored each other. I really think the book should include the lectures with it, as the animations Stoychev used made the concepts from the book become apparent. I felt the book was easier to understand after watching his lectures, more like a review of what you learned in class. Reading the book first, you'd have partial understanding and then go 'ohhh so thats how it works' during lecture.
- The materials related to the course (specially textbook and notes) are not very useful.
- There is clearly massive effort put into preparing lecture materials, because the slides are phenomenal.
- This class is also the most coordinated class I have taken here.
- This class was a lot of work but it was a doable amount. One thing that I did struggle with was that some of the homework was unclear. It was hard to find material that explained the concepts well and on some problems I didn't know what it was asking. Also, I think the professor should write his own book. I haven't cracked the book since September and honestly, reading his slides is way better. He is good

at explaining things on a dumb level and making things easily understandable.

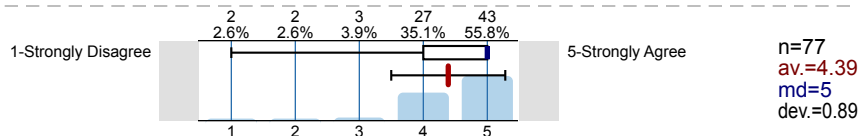
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- the hw is way too hard

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:

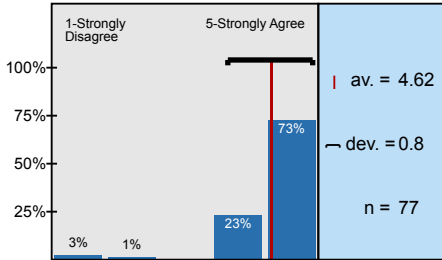
- Alex goes above and beyond for his classes. He clearly puts in a large amount of time outside of class to ensure students have the best learning opportunity in the classroom.
- Animation of the slides as examples is very helpful. Also the balls/containers for registers. I actually understood assembly language. Alex is very funny, which makes class entertaining too.
- Best professor I've had my entire time at ISU. Thank you so much Stoytchev
- Favorite professor
- Great professor
- I do like the course, but the hw is too hard and there has no office hours
- I do not believe there should ever be a 20% difference on exam averages between teachers, for our class to be getting 70% averages and the other teacher's classes getting 80%-90% exam averages is absurd.
- I spent more hours in this class and still getting nothing out of it. grading system is too bad, no partials credits given compare to solved questions, TA's are very harsh in terms of grading. exams in this class with this professor were very very complicated and hard, compare to the other professor who is teaching the same class. very long home works, and bad grading .
- I thought that the overall course was an adventure. It starts out easy but as you get into the thick of things you have to really start to practice and learn the material or you will fall behind as I have experienced. Class had a good layout with topics and content involved, I just think the homework needs to be connected to lecture more so there isn't hours spent on trying to understand the wording on a couple problems because the content wasn't covered in lecture yet
- I took SE 185 at ISU and wondered why the slides were so well done. That is because they were Stoytchev's slides back from when he taught the class. ISU, please give this man a raise, because every well-organized and productive course I've taken at ISU has had Stoytchev's hand in it in one way or another. Keep up the great work Dr. Stoytchev, I've learned more in your course than in any course I've ever taken.
- I very much dislike this class and the final project
- Just work on the bloody tests. They really do show nothing about the students learning. Also share the edited versions of the slides, this will be much more helpful for trying to go back and study it later.
- Keep up the good work!
- Learned a lot by the end of the course
- Lots of work throughout the class, but it was interesting and will be worth a lot as we progress.
- One of the best, and arguably most difficult, courses I have taken. Thank you.
- Parental supervision not advised. This class is a little brutal, I might have passed out while pulling a late night working on the final project. This class is not for the faint of heart but I don't know if I would change it. The Professor did a great job at making the class fun, interesting, and entertaining. I honestly feel brilliant. A lot of magic behind computers makes sense now and I have actual science and logic to explain it. I LOVE that. I love that I had to work hard but that grading system rewarded diligent souls. If this teacher want to be better... well on the Life universe and everything lesson, he should bring brownies...or maybe a towel. towels are useful things.

- Probably the best professor I've had at ISU (all have been great professors) and one of the more challenging but interesting courses I've taken!
- Professor Stoytchev was my favorite professor this semester, he made most of the material easy to learn and somewhat entertaining. He provided outstanding analogies to help learn the material
- Really enjoyed this class! Fun and fantastic teacher makes the content easy to digest.
- Stoytchev deserves a raise! He is the best professor, maybe ever.
- Stoytchev is one of the best teachers
- The TAs for Section 16 are awesome!
- The course materials being available online, without having to log in, was super nice. A resource forever.
It was a pleasure taking this course, I made a concentrated effort to make it to every class purely to hear what he had to say.
- The most painful part of this class was not the extremely difficult exams. It was watching the instructor try to write and draw on his PowerPoint slides using the trackpad on his Mac. Someone for god's sake please get this poor man a tablet and a stylus. For as much as we pay on tuition I'm sure the department could afford to buy him one.
- The only issue with this class is that an A is a 95%. Considering that you can get a 130 / 100 (capped at a 100 for the final grade) on the exams, it wouldn't be an issue except for how harshly the homework is graded. On average, I spent 4-6 hours to complete the homework, yet I still received an average score of 75%. I received a 100% and a 97% on the two midterm exams and 100% on all the labs, so I don't feel like the homework grading accurately represented my knowledge of the material or the effort I put into it.
- The tests don't test what you know they test how good do a test taker you are. The time constraint on the test is the biggest concern I have for this class. It's not just that 50 min for 9 question engineering test is hard it adds a lot of unnecessary stress that allows for you forgetting things and making unforced mistakes. I understand that there is a lot of content that is covered that needs to be presented on the test, but with such a short time either the test should be intermediate in difficulty with more questions or should be less difficult more questions but making it difficult and tediously time consuming is the reason this class test average is about 20% lower than the other sections of this class. I find that totally unfair and unprofessional.

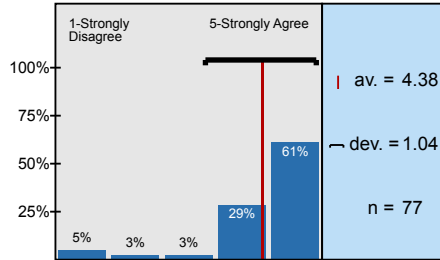
Besides that stoytchev is a great teacher who genuinely cares about his students and I am grateful to have had such a teacher. He really is there to help and understands students' perspectives and is constantly trying to better his teaching methods and material to better meet the needs of students; unlike most professors in the ECPE Dept.
- There was no muppet violence in the course even though it was in the syllabus, what gives Professor?
- This course was amazing! I took SE 185 my freshmen year and wondered why the course was so much better compared to my other courses and then I learned that its because Stoytchev taught the course before and its slides were ones that he created! Stoytchev is an amazing professor and by far my favorite. I enjoyed every class that we had and he's the only one that I have seen and will probably ever see to receive an applause for his greatness as a professor froths students. GIVE THIS MAN A RAISE!
- This has been one of the worst courses I have ever had. Poorly managed, your grade is entirely dependent on 2 things.
1) if you were lucky and got the other teacher(not Stoytchev) then you get a 15% increase in your grade.
2) the more time you put into the homework the better the grade. If we had to do this amount of homework in every class we wouldn't be getting sleep at night.
I would keep ranting as there is a lot more than this, but I highly doubt you guys actual care/read/actually listen to these surveys so I will end it here.
- Two thumbs up!
- You get out what you put into this class. Its as simple as that. The final project was a pain in my ass but only because I refused to accept that I was wrong when testing an individual component. If you want a data point, it took me 33 hours to complete. Alex, thank you for being an amazing professor, I absolutely loved your teaching and I hope that our paths cross again in the future.
Thanks, Blake Dunn
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Histogram for scaled questions

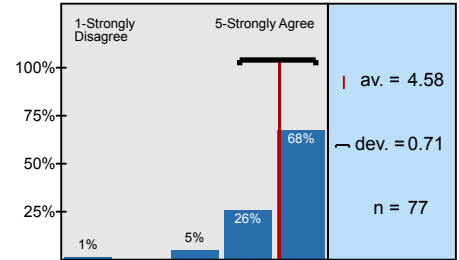
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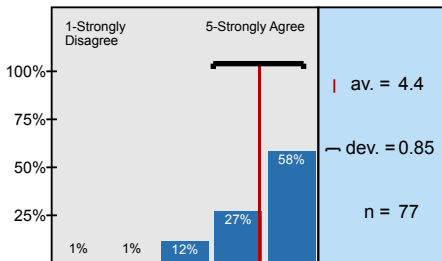
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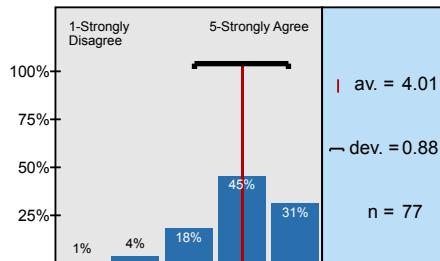
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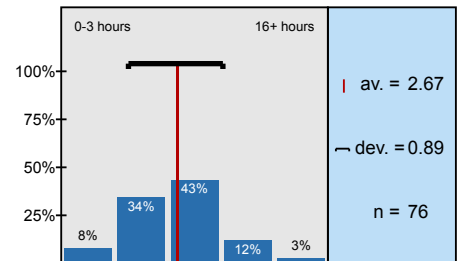
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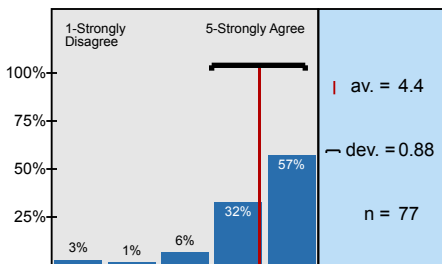
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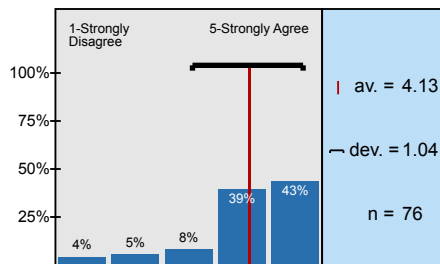
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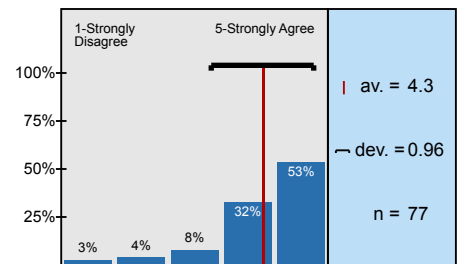
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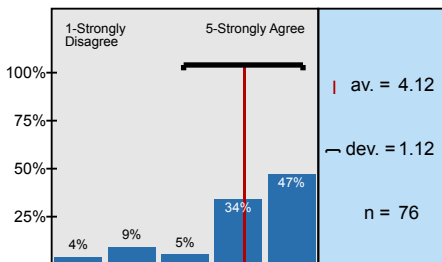
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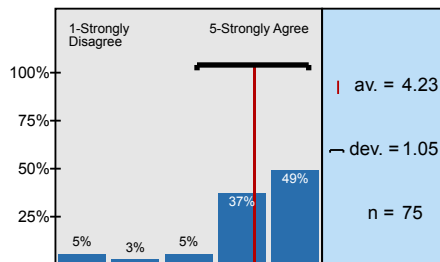
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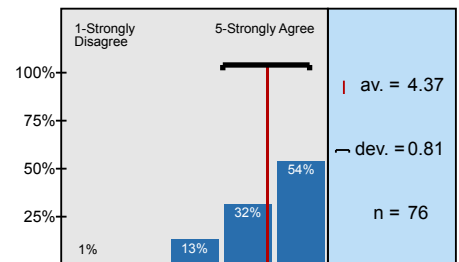
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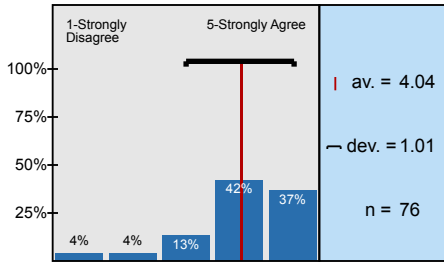
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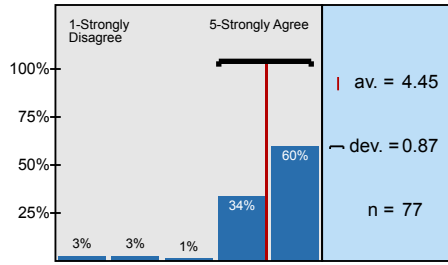
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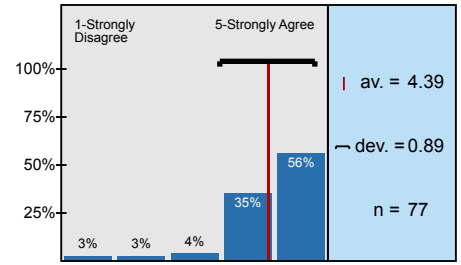
15. The required text materials (e.g. textbook, lecture notes, course packet) for this course are useful



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-F19-281-Stoytchev-all
 (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=77	av.=4.62	md=5.00	dev.=0.80
2. The instructor uses effective teaching methods:	1-Strongly Disagree						5-Strongly Agree	n=77	av.=4.38	md=5.00	dev.=1.04
3. The instructor has created a positive, respectful, and inclusive learning environment:	1-Strongly Disagree						5-Strongly Agree	n=77	av.=4.58	md=5.00	dev.=0.71
4. The instructor is available to answer questions:	1-Strongly Disagree						5-Strongly Agree	n=77	av.=4.40	md=5.00	dev.=0.85

Student Involvement / Engagement

6. I am prepared and I actively participate in this class:	1-Strongly Disagree						5-Strongly Agree	n=77	av.=4.01	md=4.00	dev.=0.88
7. On average, I have spent _____ hours per week doing work outside of class for this course:	0-3 hours						16+ hours	n=76	av.=2.67	md=3.00	dev.=0.89

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=77	av.=4.40	md=5.00	dev.=0.88
10. The assignments and activities in this course are useful:	1-Strongly Disagree						5-Strongly Agree	n=76	av.=4.13	md=4.00	dev.=1.04
11. The instructor uses clear evaluation criteria:	1-Strongly Disagree						5-Strongly Agree	n=77	av.=4.30	md=5.00	dev.=0.96
12. The feedback on my work is timely and informative:	1-Strongly Disagree						5-Strongly Agree	n=76	av.=4.12	md=4.00	dev.=1.12
13. If there are tests, they accurately assess what I have learned in this course:	1-Strongly Disagree						5-Strongly Agree	n=75	av.=4.23	md=4.00	dev.=1.05
14. If there is a lab, it is coordinated with the lectures:	1-Strongly Disagree						5-Strongly Agree	n=76	av.=4.37	md=5.00	dev.=0.81
15. The required text materials (e.g. textbook, lecture notes, course packet) for this course are useful	1-Strongly Disagree						5-Strongly Agree	n=76	av.=4.04	md=4.00	dev.=1.01

General Summative

17. Overall, the instructor has been an effective teacher:	1-Strongly Disagree						5-Strongly Agree	n=77	av.=4.45	md=5.00	dev.=0.87
18. Overall, this course has been effective in advancing my learning:	1-Strongly Disagree						5-Strongly Agree	n=77	av.=4.39	md=5.00	dev.=0.89