

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1/ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

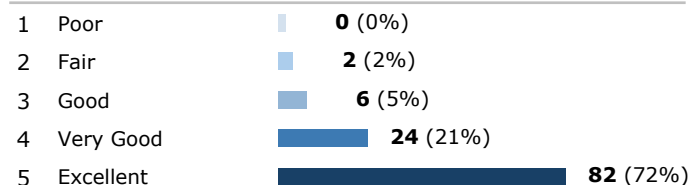
Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

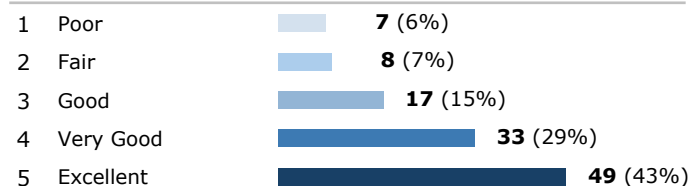
Graph Course Questions

1 Course: Amount Learned I=114



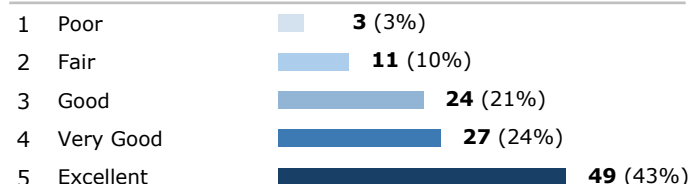
Median **5** Interpolated Median **4.80** Mean **4.63** Std Dev **0.67**

2 Course: Appropriateness of Workload I=114



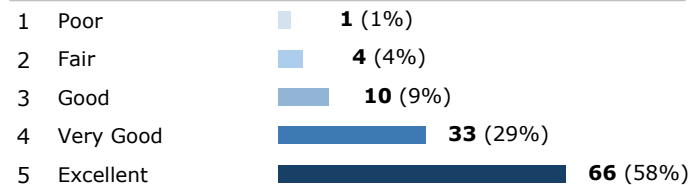
Median **4** Interpolated Median **4.26** Mean **3.96** Std Dev **1.19**

3 Course: Fairness of Grading Process I=114



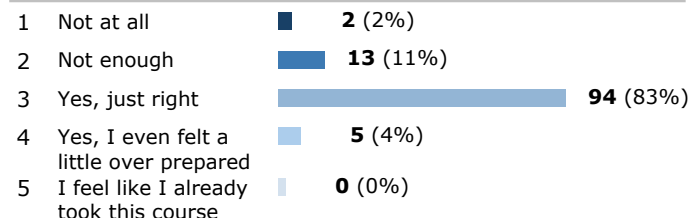
Median **4** Interpolated Median **4.20** Mean **3.95** Std Dev **1.13**

4 Course: Overall Quality I=114



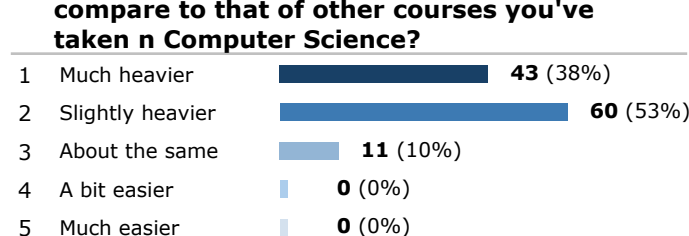
Median **5** Interpolated Median **4.64** Mean **4.39** Std Dev **0.86**

5 Do you feel that the pre-requisites for this course adequately prepared you for the course? I=114



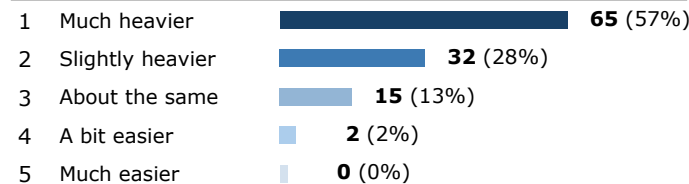
Median **3** Interpolated Median **2.95** Mean **2.89** Std Dev **0.47**

6 How did the workload of this course compare to that of other courses you've taken n Computer Science? I=114



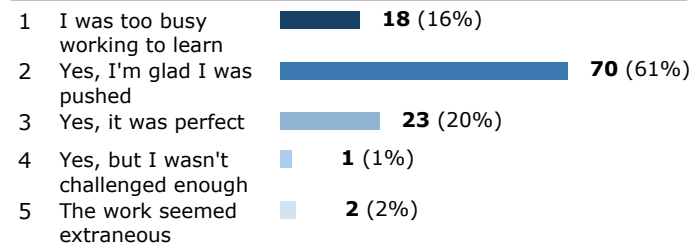
Median **2** Interpolated Median **1.73** Mean **1.72** Std Dev **0.63**

7 How did the workload of this course compare to that of other courses you've taken in other departments? I=114



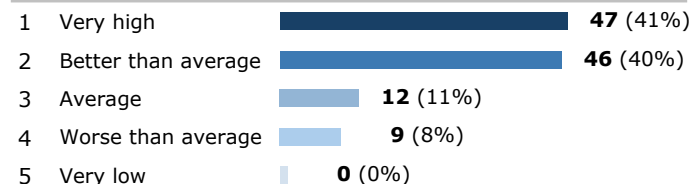
Median **1** Interpolated Median **1.38** Mean **1.60** Std Dev **0.78**

8 Do you feel that the workload of this course helped you learn the material well? I=114



Median **2** Interpolated Median **2.06** Mean **2.11** Std Dev **0.74**

9 Of all the CS courses you have taken, how does this course rank? I=114



Median **2** Interpolated Median **1.72** Mean **1.85** Std Dev **0.90**

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Comments Course Questions

Q1 Enter any additional comments here

- too hard...
- I liked the late days system and how fast assignments and exams were graded/solutions were released.
- Great class.
- After midterm2, the amount learned is not enough.
- Best class I've taken at Columbia by a long shot.
- Great class, relevant material
- I think the only problem with the class is the odd cult like status the professors and TA's enjoy cultivating. Understandably, the quirky nature of different departments at universities add to their appeal; however, I feel that many students can easily feel left out. Students who are not accustomed to the high intensity, cutthroat environment will feel out of place. This is a problem in that it alienates students from lower socioeconomic background, who may not feel comfortable in an environment they never had access to. I firmly believe that these students, as my father was in a similar situation, should not be deterred in their pursuit of knowledge. Culture aside, this class was wonderful in terms of skills gained and workload intensity. This completely fulfills its role in developing future computer scientists and the course was structured in a very thoughtful manner.
- Fantastic course. But, 2 comments:
 - 1) HW should be worth more than 30% (maybe 50 like Data Structures)
 - 2) Exams are way too hard, and there's no room for partial credit. I find it disconcerting to be able to do the homeworks, and then get 0s on test questions because I have an idea of what's going on, but not able to put down a precise answer. I wish the graders would make an effort to determine what we've learned (steps shown/thought process/pseudocode), not just whether or not we can put down exact answers.

Alternatively, allowing a cheat sheet would be great.
- Lots of work. Lots of Learning. This is a quintessential class that make Columbia what it is.
- The exams are too hard, it forces us to study everything in detail because we don't know what will be on the exams, but they are not a fair evaluation because there are not enough questions to test the many different things that we learned.
- The homeworks were difficult but if you were professional and started them decently early they were VERY doable. I thought a very fair balance of challenging and completable.

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Comments Course Questions

- The course demanded a lot from me, but it justifyingly challenged me to excel and learn the nitty-gritty of low level programming.

Two criticisms: 1. the lab grading could be a bit more fair, the standardization was taken to extremes and it was difficult to feel like what do is reflected in your grade.

2. The tests did not push me to learn the material better, only certain tricky aspects of the language. They could be designed to challenge differently.

- The course was great, I can't underestimate how much I've learned. The grading was oppressive and excessive, never before has the amount I learned and my earned grade been so far apart.
- The grading rubrics are really strict and kinda harsh, but every has to deal with them, so it evens out in the end.
- I know this is a problem that has been voiced already, but I think the exams are too difficult and do not appropriately test what people know and do not know, rather they test how good people are at spotting tricks.
- Very intense but you learn a lot!

- I feel like the relation between the exams and the homework assignments don't match up very well. The exams for this class seem to just test the minutia of coding in C, and while knowing that info probably makes you a faster and better coder, the homework assignments don't enforce that at all. The grade distribution on the last midterm was honestly laughable, and I feel like that's a big sign that there is something wrong with the way the class is being taught. That being said, I like the labs and I feel like they probably reflect a large part of what I might end up doing if I get a cs job later.

On another note, I feel like the range of computer science expertise ranges soo widely amongst the people who take this class..... I took the proper prereqs for this class and everything, but I don't know if that's enough to prepare you for this class necessarily. I still felt like I was on the lower end of the spectrum in terms of ability to understand the material.

- The tests are extremely hard. They don't accurately measure my growth/knowledge learned from the class. I don't understand why the tests are so hard in which everyone fails (except a "gifted" few). That being send my mind has expanded from this class, more than any other class I've ever taken.
- This class was one of the best CS classes I've taken. Of all the classes I've had here, I've probably learned the most in this one. I'm more confident in my programming ability and problem solving skills because of this class. It was well paced and the material was not only very valuable in terms of things we should know for the future but also tied together in a natural progression. I'm not a fan of the grading scheme (points getting taken off twice for when a mistake occurred and then again because the answer wasn't perfect) but undoubtedly the labs and exams did force you to really understand what you were doing. You couldn't just muddle your way through.

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Comments Course Questions

- This class is a wonderful course in the CS curriculum, which challenges students the most and prepares well for higher level CS class unlike Data Structures, which is currently taught too easy. I'm not sure if it's relevant, but there could be more optional homework /review to deal with C/C++ technique like string manipulation, etc which will help a lot with coding interviews. The test, while super hard, is useful. Sometimes I feel like the instructions for questions can be vague, which cost me some points, but maybe it's just me.
- The workload for this course could become more manageable if the teaching staff added more structure to topics that are learned for the most part outside of the classroom / without a reference text. The topics that we learn without a reference text are made unnecessarily difficult to learn because of the lack of a reference text.
- This is by far the most I've learned in a single class, probably because I spent 30 hours a week on this course alone. I think the homework assignments were excellent and enjoyed working through them, but I think they can be cut down a little bit. I felt like I was always racing just to get the labs done and barely had any time to absorb the material. The tests were demoralizing though. When I got an 11 on the first midterm even though I was confident in my answers, I felt awful and frustrated. I had written an *almost* perfect function, but it was off just enough for me to lose practically all points, which I thought was a bit pointless. I think the partial credit on the exams is too strict. The grading rubrics don't have enough flexibility in them.
- I am very satisfied with the amount we have studied this semester - I feel like I learned a lot. But with that I can say that I'm sure the exams do not represent the amount I know of the course and that is slightly upsetting. I didn't get really low grades in the exams just a little below average, but still I feel like the exams are just random and in some cases has nothing to do with the actual material we learned by doing the labs
- Best CS class so far in my two years at Columbia.

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Comments Course Questions

- The homework organization and course content was excellent. Jae's paper on the class makes a lot of sense. However I thought that the classroom lectures underprepared me for the homework. Why spend valuable time on learning two's complement when the homework was so challenging and this is a topic that can be more easily learned from the textbook? Additionally in practice, the linked list homework and server homework seemed fragmented and it was frustrating to shuffle between those two mindsets with little set up in class. I felt woefully underprepared for the last two homeworks after doing so much work on server/sockets.

I worry that at Columbia this kind of underpreparation is rewarded with adoration. The listerv needs to end asap! Piazza is a perfect tool for class discussion and every other class. I have had uses it to great effect. Not only is it impossible to search, it was used to enforce an environment of "no stupid questions." If a question was answered it was often given an answer that did little clear up the issue. Other students often gave the best answers. In other classes I don't learn less when a professor or TA answers a stupid question or points a student in the right direction.

Additionally, there is no need for two midterms and no need to have the tests be so hard. I am not an engineering student, I did not sign up for this. Again, great for the top 25% of the class but the rest of us felt like our performance was substandard. When given a chance to explain the difficulty, jae said, "I have my reasons."

I agree with Jae that all this content is crucial to be a good programmer so I am very thankful for his effort on this course. He puts in far more effort to design the course and homework than other professors, so he deserves the respect for this. I am glad that Columbia offers such a course so I can learn C/C++.

- My only comment is about the fairness of grading, specifically on the exams. I understand that writing one wrong line might give a totally different outcome, but it would be nice if we were given some partial credits on answers that are "almost correct." There was a question on the second midterm where I mistakenly added a mismatching line and I lost 15/20 points. Apart from that, the labs are graded fairly, in my opinion.
- A lot of work. Must start work early.
- Very friendly and approachable.
- Well, the course is great. It's just that I am not interested in software engineering at all.
- The labs have definitely helped me learn the materials better, but I feel like the midterms were made unnecessarily hard. I wish more partial credits could be given to students on the midterms.
- The labs were well spaced, but they could have been more challenging. Often times the "problem solving" extent would be looking up particular technicalities. I would have appreciated assignments that demand more critical thinking.

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Comments Course Questions

- It's a difficult course, but it's not busywork - you really learn a lot about CS and how the internet works. If Data Structures piqued your interest in CS, then AP will show you if it's really your thing or not. I took it as a non-CS major and was fine, but you should have some coding experience (if just a class or two).
- Workload is maybe a touch too much. It could also just be that the way the schedule lined up, much of the work was backloaded into the final ~4 weeks.
- I liked the labs, I thought they were helpful for practicing material and were (usually) spaced out enough that it wasn't too overwhelming. However, the tests did not help me learn so much as give me extra anxiety. Even when going over practice tests and going to review sessions, I got more confused about the material rather than gaining a better understanding of it.
- The homework grading was fair but the exam grading was very harsh. For example (among many), there was one problem that was something like, "8 points if the problem is perfect overall" seems like a really large bonus / penalty. That means a 2 point error becomes a 10 point error! It seems really arbitrary to me, but maybe that's just the psychology of it, since logically I could see how there might be some good reasons for doing this instead of making every individual error worth 10 or 12 or 15 points.
- I honestly don't have any complaints about this course, and now I even understand/maybe appreciate the use of the listserv vs. Piazza. However, it's kind of hard to be looking at the spec for a lab, and then remember that there are several separate addendums/ FAQs all in different email threads. It might be nice to compile those ahead of time.

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- The grading is fair in that all students who make the same mistake get penalized the same amount. However, the grading is not fair in that even students who make different mistakes get penalized the same amount.

I was actually happy this was the case because I quadruple-checked one of the problems for the second midterm and was thinking: ha! those people who make little typos will get docked off so many points that it will distinguish me from them by a lot of points! even if they made teeny errors, they will get docked off as many points as those people who made egregious errors.

But then, on the other hand, what if I were one of those people who made the little typos? I would think: why? I made a teeny mistake and my code is 99% the same as the correct code, but I get 60% for this problem, just like that other person whose code is 60% the same as the correct code? Something doesn't seem fair here.

By the way, did the TAs self-segregate based on race? There were no non-white TAs at the second midterm review session, and there were only non-white TAs at the first midterm review session, or so I remember.

Anyway, I love everything about the course: the lectures, the labs, using vim and git, etc., the hackathon, the TAs, the professor, the culture, etc. - everything except the illogical midterm rubrics.
 - It's a great class because everything is spelled out pretty clear and I don't need to spend time on guessing what the assignment wants me to do. I like AP and walking out of each class, I feel I know more.
 - I don't think people should get 0s on entire sections of labs for silly mistakes such as naming their executable the wrong thing. When the code doesn't compile a TA should look through the code to determine what is wrong before failing the student.
-
-

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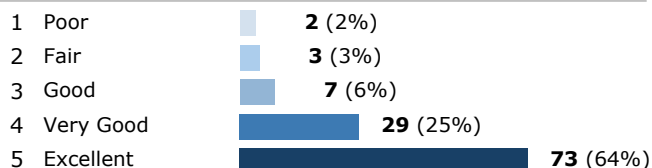
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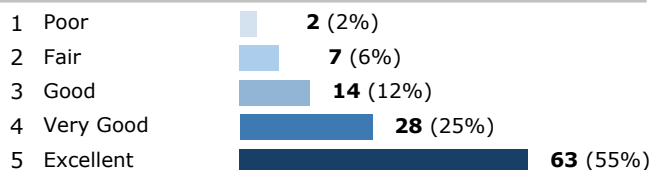
Instructor Graph Report for: **Jae W Lee**

1 Instructor: Organization and Preparation I=114



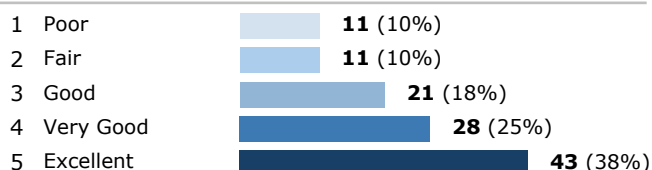
Median **5** Interpolated Median **4.72** Mean **4.47** Std Dev **0.86**

2 Instructor: Classroom Delivery I=114



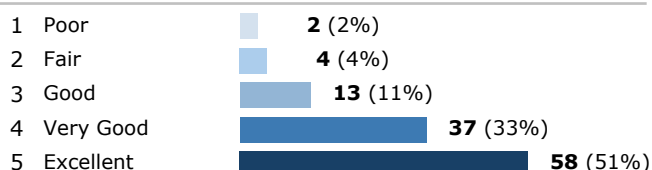
Median **5** Interpolated Median **4.60** Mean **4.25** Std Dev **1.01**

3 Instructor: Approachability I=114



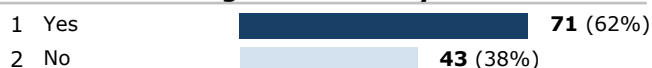
Median **4** Interpolated Median **4.00** Mean **3.71** Std Dev **1.32**

4 Instructor: Overall Quality I=114



Median **5** Interpolated Median **4.52** Mean **4.27** Std Dev **0.92**

5 Would you nominate this professor for the SEAS Distinguished Faculty Award? I=114



Median **1** Interpolated Median **1.30**

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- I heard so much about how much you learn in this course so I went in with high expectations; Jae met and exceeded all of them.
- Jae presents the foundations of C and computer networks in a way that's easy to understand without over-simplifying. This is a pivotal class in the CS curriculum and Jae teaches it well.
- Jae is just an astonishing professor. His exams and labs are just something else. He designs his questions so that the students can take the most important things about a certain topic. His labs progress so beautifully throughout the semester, and they were both fun and torturous. He is one of my all time favorite professors. I'm already looking forward to OS.
- This is the best course I've taken.
- don't get me wrong, jae is a great teacher but comments like "this is easy" and "everyone should understand this" are demeaning and especially hard for those of us who come from humble backgrounds. sometimes students don't have to time to excel because they're swamped with other classes or have to work for an income to be able to eat. it's hard when teachers aren't delivering that support to the entire class
- It is obvious that professor Lee is a very intelligent and passionate individual, and he knows how to put him imprint on the class and make the student learn without even realizing it. Looking back at the beginning of the semester I realize how far I've come. This course reminded my why I entered CS in the first place - to be challenged, pushed and the pleasure to solve riddles and write code with functionality far outweighs the disadvantages.
- Jae is obvi a legend.
- Professor Lee is truly the best professor I've ever had in SEAS. He is passionate about the material and instills that passion in his students. He was able to take his knowledge and understanding of computer science and pass on some of that knowledge and intuition in a way that I have never experienced. Truly remarkable!
- Excellent lecturer with clear teaching approach and well prepared material.
- Jae is so prepared. He is one of the most dedicated teachers I've met in my four years at Columbia. He really takes pride in his work and treats the class like an art. All communications are thoughtful and precise.
- The best! His remarks will live with me for the rest of my career. Shall remember 3157 as one of the most challenging classes yet educational and new.
- Great professor that pushed students to their fullest potential.

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- The lectures are pretty straightforward, but I really appreciate the tricky questions that Jae asked in class (what is the output if you do this? Is this pointer on the stack or the heap? etc.). In my experience, professors don't often do this, even though I think that this is a very small thing that made a big difference in my comprehension and overall understanding of C. I think that as a beginner computer science student, it's easy to learn the semantics of a the language and write functioning programs without really thinking about what you're doing. Jae taught me how to ask a question about what I'm doing when I'm programming, not only in this class but also in future classes. Teaching someone how to think is often held as the ultimate goal of learning, but it's no mean feat. It's sadly rare to have a truly good professor, even at a top tier university, and I'd like to see Jae rewarded (again, since I think he may have already received this award).
- Helped us learn so much in just one semester
- An excellent professor who is very approachable.
- best class ever at columbia
- The teaching is really really great and the lab covers most of what we need to know.
- This class is like Jae's weakness--he seems to love it so much, dedicate so much energy to it, take full psychological ownership of it, foster this sort of culture and love of learning about advanced programming that is only present in this class, and only present because of his presence.

Classroom Delivery could be improved by prefacing lectures by saying if the lecture would mostly utilize the chalkboard or the projector, so students wouldn't have to strain their necks.

Organization and Preparation could be improved by starting, and thus, ending, lecture on time. There could be the same organizational system of the recitation and lecture notes so that it's easier to pair the lecture and recitation notes together if they are on the same topic.

Also, the listserv could be more organized if students labelled their emails with the specific lab assignments, e.g. [lab8].

- Although he seems intimidating, Jae seems to be heavily invested in his pedagogical style and the learning of his students. That is, to me, the most important quality in an instructor.
- Jae is an amazing lecturer, he taught complex material with clear explanations that allowed everyone to grasp the concepts with ease. The mid-semester hackathon was a spectacular experience, which I think more classes should have. Jae is very approachable, very down to earth, and able to connect with students a bit better than other faculty members I've had.

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Instructor Comments Report for: **Jae W Lee**

- He's great!
- He uses the same curriculum every year, but he does make changes depending on feedback or what he has learned is effective. Many professors I have had will acknowledge that certain aspects of their syllabus are not effective, but will not change. Jae, however, I can tell is working to find what is the best way to teach this class, and I appreciate that.
- Professor Jae is extraordinary. He is a master of the material he teaches, is very friendly, approachable, and genuinely cares about his students. I was especially moved by one of his closing slides, where he advised us not to stress, not to worry about grades, and to enjoy life.
- Jae is a nice professor. However, I find it hard to follow what he is saying in class because he will frequently change the direction of his thought midway through the sentence to go on a tangent. This becomes confusing because then I would get lost (and I think sometimes Jae would forget his original train of thought too), not recognize when we're back on topic, and no longer feel like paying attention would help anymore.

Also I really wish that Jae would do demos for the labs after the deadlines for the lab had passed, or at least demo the lab after the lab instructions had come out already. I think that would be a lot more helpful; otherwise we are just watching Jae go through a bunch of directories quickly, opening file after file without proper context.
- I was a little scared to talk to Jae, but only because the class expectations were so high. I learned a LOT.
- No need to explain. He is the BEST!
- This class has become an institution. A rite of passage in CS.
- Lectures are clear.
- he's cool.
- Jae is bae <3
- Jae has been doing this for a while and you can tell he knows everything about the subject material. His presentations are very helpful and the TA's he chooses are amazing, each TA is no better nor worse than the next when it comes to knowledge of the subject and they all are incredibly smart and able to help.
- A high quality class with very organized materials and assignments.
- This has been one of the very few professors which spoke with me on a personal and professional level. He would entertain professional questions and truly cared about what I learned, how I learned, and my future after Columbia. I will forever be grateful for having Professor Jae. He has inspired my trajectory of life.

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- Jae is an incredible professor. He really, really understands the material and gives us all the tools for us to understand as well. He also really loves the topic (or at least that's the impression I get) and because of that, is able to talk about and answer any question relating to even tangential topics. The extra resources and links he sends out (Linus Torvald's response re: C vs C++, a blog post about Java and C) made the learning experience that much richer. It's also clear he spent a lot of effort to present the curriculum in a way that students can more easily understand the various topics and how they come together.
 - Very thorough with material. Good curriculum.
 - Jae is an excellent lecturer and made me really enjoy the topics. I look forward to taking OS.
 - He knows everything.
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TA Graph Report for: **Craig Douglas Rhodes III**

1 Overall Quality N=11

| | | | |
|---|-----------|---|---------|
| 1 | Poor |  | 0 (0%) |
| 2 | Fair |  | 0 (0%) |
| 3 | Good |  | 1 (9%) |
| 4 | Very Good |  | 3 (27%) |
| 5 | Excellent |  | 7 (64%) |






Median **5** Interpolated Median **4.71** Mean **4.55** Std Dev **0.69**

6 Does this TA communicate effectively in english? N=11

| | | | |
|---|-----|---|-----------|
| 1 | Yes |  | 11 (100%) |
| 2 | No |  | 0 (0%) |
| 3 | N/A |  | 0 (0%) |






Median **1** Interpolated Median **1.00**

2 Knowledgeability N=11

| | | | |
|---|-----------|---|---------|
| 1 | Poor |  | 0 (0%) |
| 2 | Fair |  | 0 (0%) |
| 3 | Good |  | 0 (0%) |
| 4 | Very Good |  | 4 (36%) |
| 5 | Excellent |  | 7 (64%) |






Median **5** Interpolated Median **4.71** Mean **4.64** Std Dev **0.50**

3 Approachability N=11

| | | | |
|---|-----------|---|---------|
| 1 | Poor |  | 0 (0%) |
| 2 | Fair |  | 0 (0%) |
| 3 | Good |  | 0 (0%) |
| 4 | Very Good |  | 4 (36%) |
| 5 | Excellent |  | 7 (64%) |






Median **5** Interpolated Median **4.71** Mean **4.64** Std Dev **0.50**

4 Availability N=11

| | | | |
|---|-----------|---|---------|
| 1 | Poor |  | 1 (9%) |
| 2 | Fair |  | 0 (0%) |
| 3 | Good |  | 2 (18%) |
| 4 | Very Good |  | 1 (9%) |
| 5 | Excellent |  | 7 (64%) |

Median **5** Interpolated Median **4.71** Mean **4.18** Std Dev **1.33**

5 Communication N=11

| | | | |
|---|-----------|---|---------|
| 1 | Poor |  | 0 (0%) |
| 2 | Fair |  | 1 (9%) |
| 3 | Good |  | 1 (9%) |
| 4 | Very Good |  | 2 (18%) |
| 5 | Excellent |  | 7 (64%) |

Median **5** Interpolated Median **4.71** Mean **4.36** Std Dev **1.03**

Title: **Spring 2017 COMS Final Evaluation**Dates: **04/26/2017 - 05/04/2017**Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**Responses: **114/210 - 54.29%**Instructors: **Jae W Lee**Enrollment of Registered Students:**210**Enrollment of All Students:**210**

TA Comments Report for: **Craig Douglas Rhodes III**

Q1 Comments

- Enjoyed the recitation where he used the complicated apartment mail delivery metaphor to explain TCP-IP and Sockets
 - Seems very approachable and knowledgeable, but I was extremely disappointed when I went to his recitation that he was supposed to hold, waiting there for 30 minutes for him to show up. He sent out a very hasty email cancelling his recitation when 20 students were waiting for him.
 - Very enigmatic, but overall a very awesome dude ;P
 - Craig is unbelievably knowledgeable and helpful. Having him as a TA improved my learning significantly without making my life easier.
 - He's a super approachable and great guy to talk to. Explains things very clearly.
 - awesome help! thank you!
-
-

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

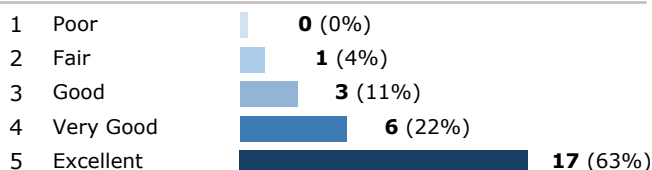
Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

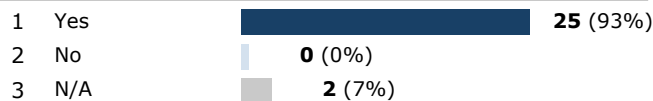
TA Graph Report for: **Daniel H Cole**

1 Overall Quality N=27



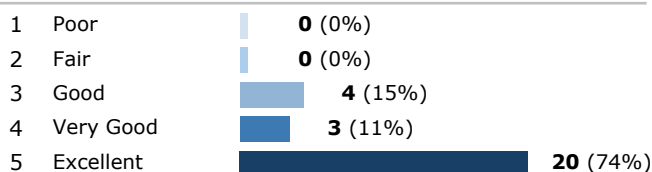
Median **5** Interpolated Median **4.71** Mean **4.44** Std Dev **0.85**

6 Does this TA communicate effectively in english? N=27



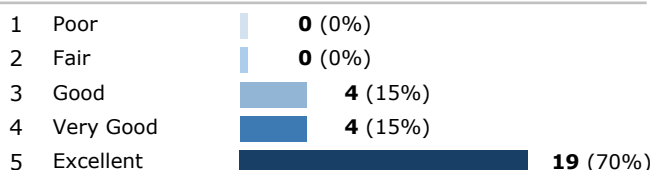
Median **1** Interpolated Median **1.00** Mean **1.00** Std Dev **0.00**

2 Knowledgeability N=27



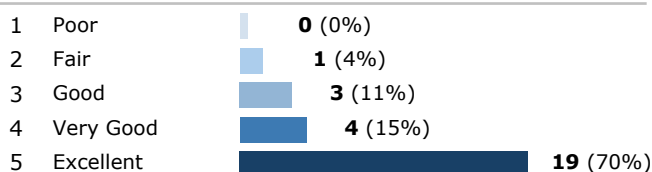
Median **5** Interpolated Median **4.83** Mean **4.59** Std Dev **0.75**

3 Approachability N=27



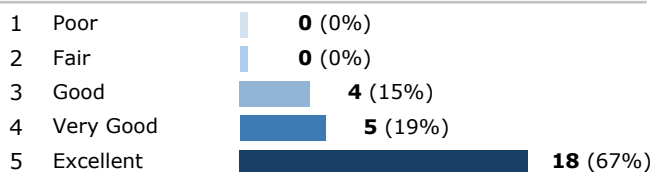
Median **5** Interpolated Median **4.79** Mean **4.56** Std Dev **0.75**

4 Availability N=27



Median **5** Interpolated Median **4.79** Mean **4.52** Std Dev **0.85**

5 Communication N=27



Median **5** Interpolated Median **4.75** Mean **4.52** Std Dev **0.75**

Title: **Spring 2017 COMS Final Evaluation**Dates: **04/26/2017 - 05/04/2017**Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**Responses: **114/210 - 54.29%**Instructors: **Jae W Lee**Enrollment of Registered Students:**210**Enrollment of All Students:**210**TA Comments Report for: **Daniel H Cole****Q1 Comments**

- I went to Daniel's office hours every week. He was really good at managing a crowd of people, while still taking the time to not just answer questions, but talk through the problem so that I basically arrived at the solution on my own.
- He knows a lot of stuff on C and C++ and many other things. It's good to ask him questions because you will end up understanding more deeply about the thing in question.
- He was extremely helpful. He did a good job of not just giving you the answers, but asking questions and leading you towards what was wrong.
- Such an amazing TA, he made me feel like I actually knew what I was doing
- Intelligent, kind, and most importantly very very helpful.
- Love him to death
- Thanks for always being so helpful Dan!
- awesome help! thank you!
- Knowledgeable, patient, and approachable. Overall, has a good personality, which is an excellent quality in a TA or teacher.
- Extremely helpful
- i never talked to a single ta in this class sorry
- I went to office hours with a question about one of my midterm grades and Dan was super helpful.

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

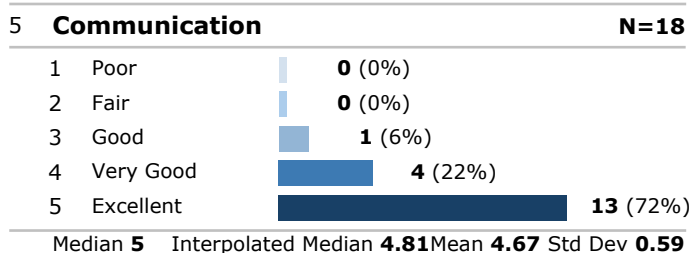
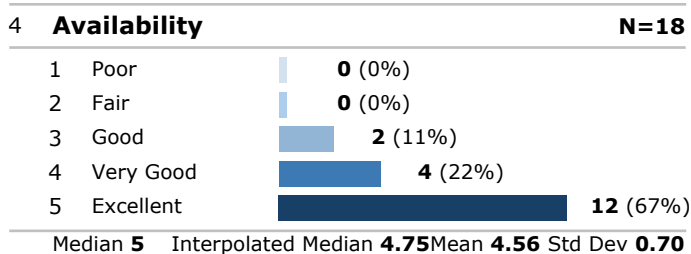
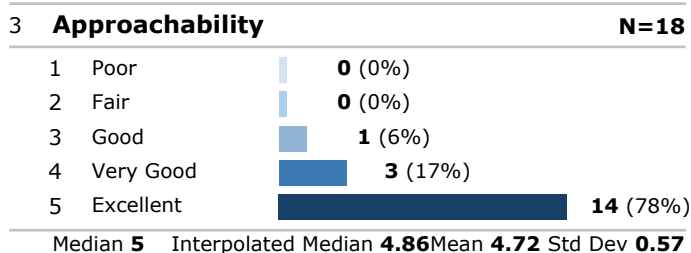
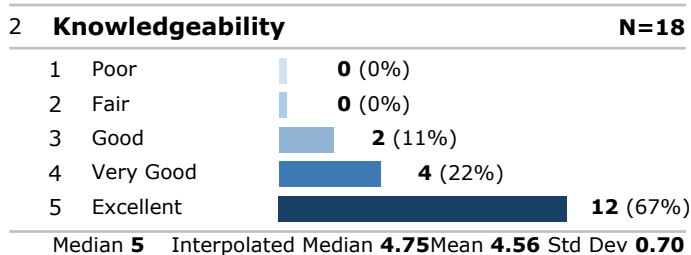
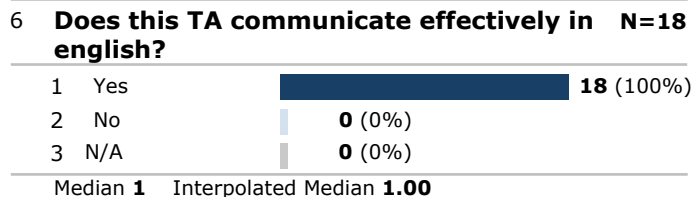
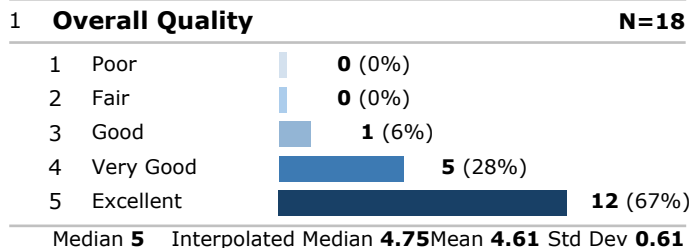
Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

TA Graph Report for: **Emma Louise Etherington**



Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Enrollment of Registered Students:**210**

Enrollment of All Students:**210**

TA Comments Report for: **Emma Louise Etherington**

Q1 Comments

- awesome help! thank you!
 - NA
 - Went to one of her recitations and it was very clear! I think she became slightly less clear in answering questions.
 - Very organized. She helped during TA OH.
 - She explains things clearly and is very helpful during OH.
-
-

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

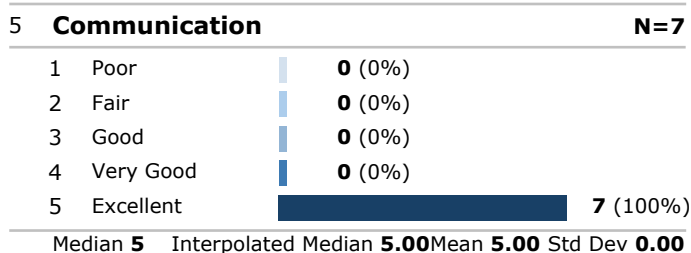
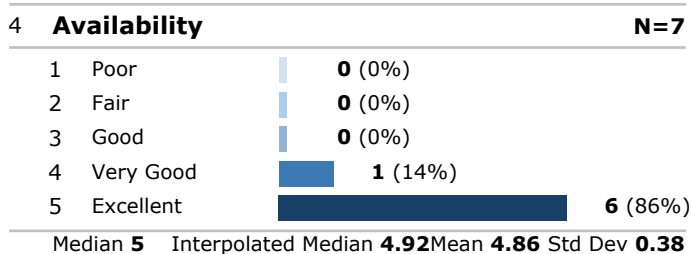
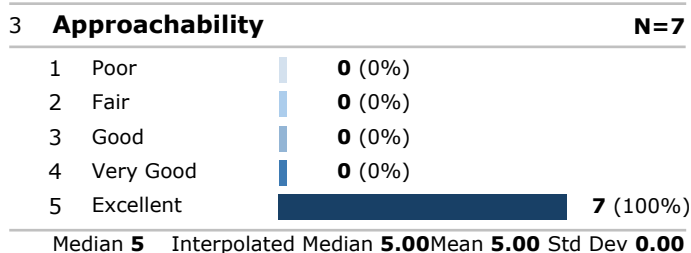
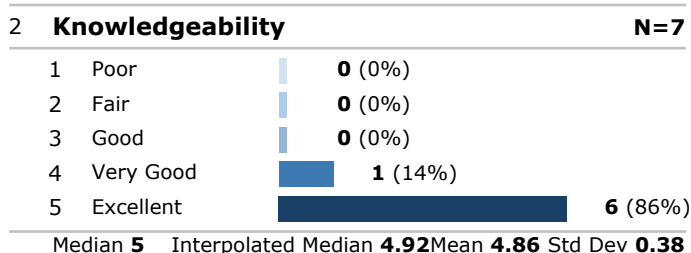
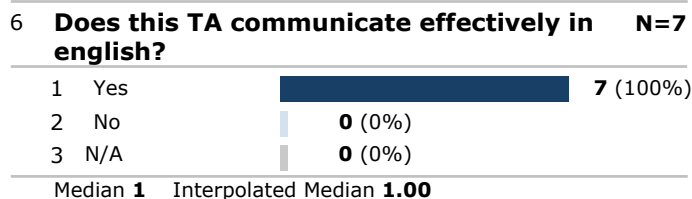
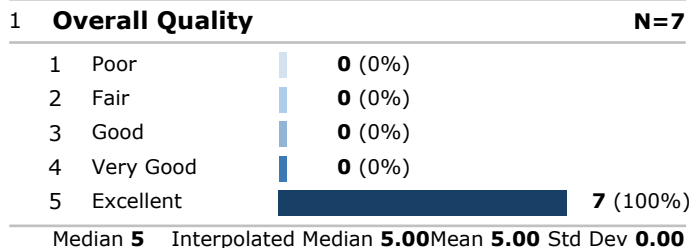
Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

TA Graph Report for: **Evan Wynn Wickenden**



Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Enrollment of Registered Students:**210**

Enrollment of All Students:**210**

TA Comments Report for: **Evan Wynn Wickenden**

Q1 Comments

- Evan has a huge knowledge about the material in which he is happy to share with you;
His teaching is amazing - you understand everything he teaches you. He not hesitate staying longer after the office hours until you understand the material well!
 - AWESOME TA. If he chooses another career other than CS, try Hollywood! - Best, Ryan.
 - He is very helpful during OH!
-
-

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

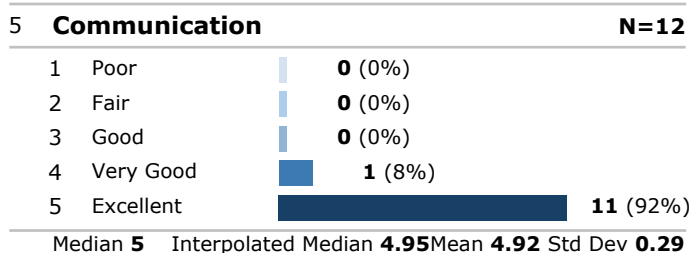
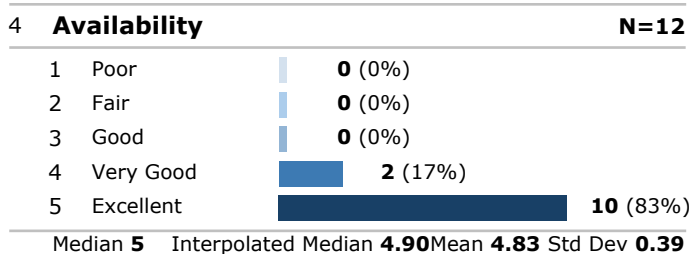
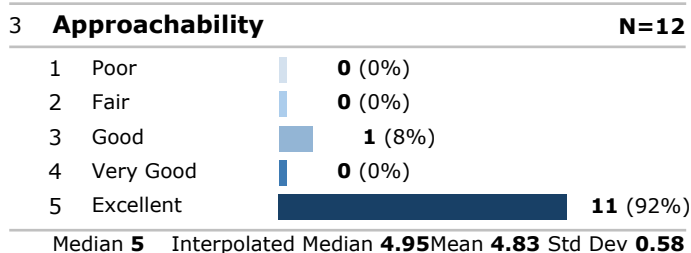
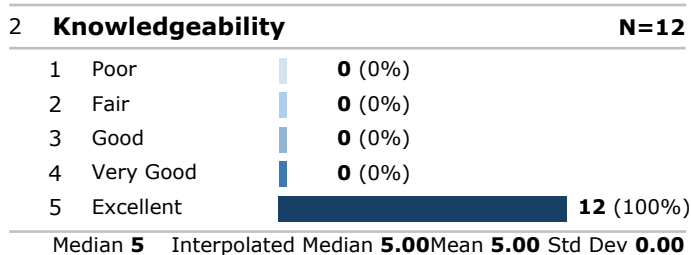
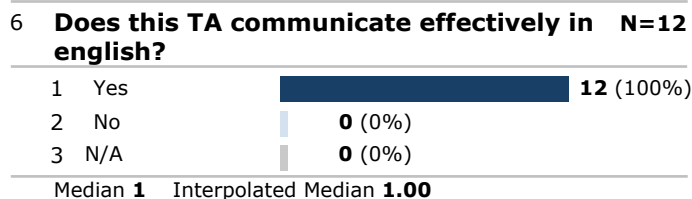
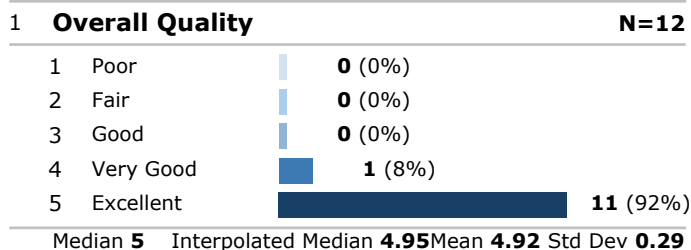
Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

TA Graph Report for: **Frank Elias Aloia**



Title: **Spring 2017 COMS Final Evaluation**Dates: **04/26/2017 - 05/04/2017**Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**Responses: **114/210 - 54.29%**Instructors: **Jae W Lee**Enrollment of Registered Students:**210**Enrollment of All Students:**210**

TA Comments Report for: **Frank Elias Aloia**

Q1 Comments

- awesome help! thank you!
 - Incredibly helpful and always willing to go the extra mile.
 - I also went to Frank's office hours every week. He was really approachable and took the time to lead me through the logic behind the question I was asking to get to the answer.
 - NA
 - During his office hours, Frank always succinctly and enthusiastically clarified any parts of the lab instructions that I could not interpret in a definitive way.
 - Frank is great.
 - Frank worked so hard and was very committed to making sure he met with everyone during office hours
-
-

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

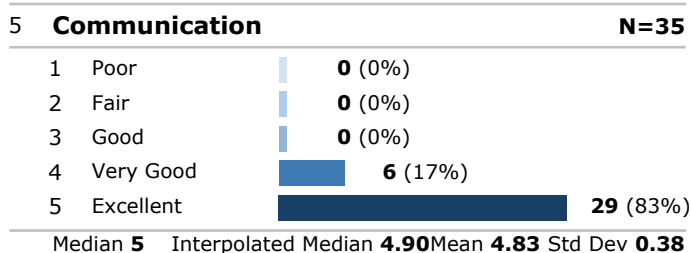
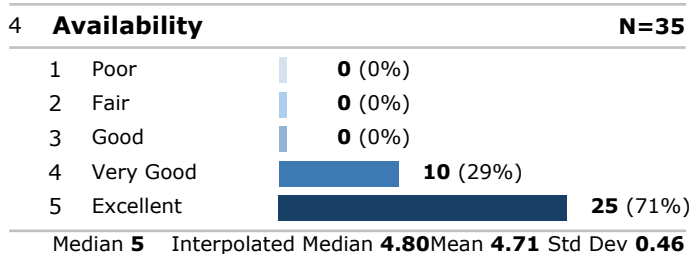
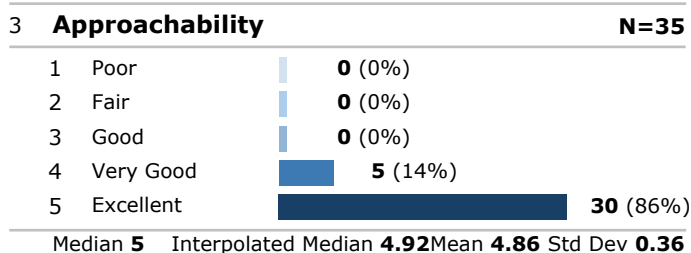
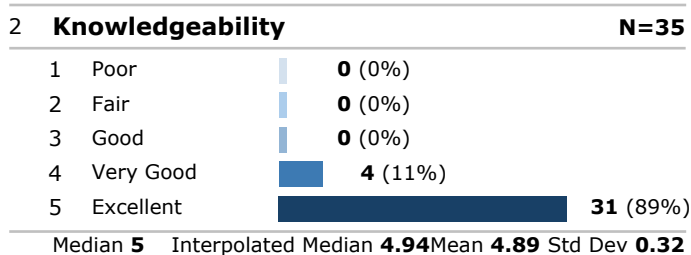
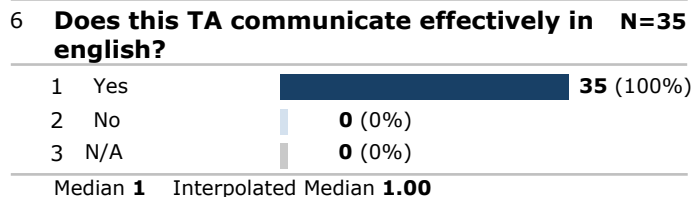
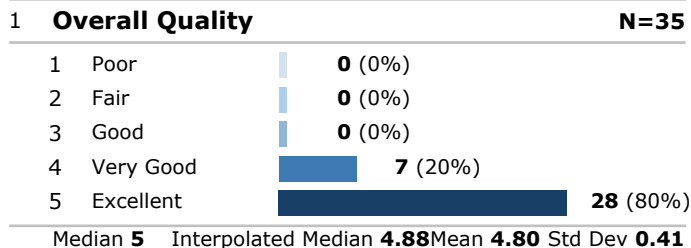
Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

TA Graph Report for: **Gary Mausan Lin**



Title: **Spring 2017 COMS Final Evaluation**Dates: **04/26/2017 - 05/04/2017**Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**Responses: **114/210 - 54.29%**Instructors: **Jae W Lee**Enrollment of Registered Students:**210**Enrollment of All Students:**210**TA Comments Report for: **Gary Mausan Lin****Q1 Comments**

- He is very good at explaining concepts. He answers questions very well during recitation and led the recitation really well..
- NA
- When I approached Gary for help with a lab, he knew exactly what I was doing incorrectly. He told me what to do without making it too easy to figure out. He was also able to explain the big picture of the lab that I hadn't fully grasped yet.
- Gary is a mini Jae. He has everything you would want from a TA. He knows his thing, he is very approachable, and he delivers the material so gracefully. Best TA ever, in my opinion. He is not afraid to say "I don't know" and he will point you to the right direction if you need help. Great lad.
- awesome help! thank you!
- Another A+ TA, very approachable, very knowledgeable.
- The single greatest TA I've experienced at Columbia. Manages to explain the most complicated topics in the simplest of ways. Brilliant TA and person in general.
- Gary's knowledgeable, helpful, and approachable--everything you need in a good TA.
- Gary has been extremely patient, fair and helpful just like all the other TA's but i've been to most of his office hours so I wrote the evaluation on him.
- Extremely knowledgeable and friendly. Gary would consistently break down difficult concepts into small chunks that helped me understand the concepts.
- Gary has a deep understanding the material, he understands it in and out, and always has an answer not matter what question you ask him.
He also like to expand what we studied in class more in depth. His teaching is amazing - you understand everything he teaches. Gary will explain you until you understand it well!
- One of the BEST TA's I have had, and on top he's one of the nicest guys I have met. I wish I would end up working with someone like Gary.
- Gary definitely knows his stuff.
- Gary was great in review sessions - always super clear. He was also very responsive to emails and very nice during office hours.

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Enrollment of Registered Students:**210**

Enrollment of All Students:**210**

TA Comments Report for: **Gary Mausan Lin**

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**






Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**






TA Graph Report for: **JiaYan Hu**

1 Overall Quality N=6

| | | | |
|---|-----------|---|---------|
| 1 | Poor |  | 0 (0%) |
| 2 | Fair |  | 0 (0%) |
| 3 | Good |  | 0 (0%) |
| 4 | Very Good |  | 1 (17%) |
| 5 | Excellent |  | 5 (83%) |






Median **5** Interpolated Median **4.90** Mean **4.83** Std Dev **0.41**

2 Knowledgeability N=6

| | | | |
|---|-----------|---|---------|
| 1 | Poor |  | 0 (0%) |
| 2 | Fair |  | 0 (0%) |
| 3 | Good |  | 0 (0%) |
| 4 | Very Good |  | 1 (17%) |
| 5 | Excellent |  | 5 (83%) |






Median **5** Interpolated Median **4.90** Mean **4.83** Std Dev **0.41**

3 Approachability N=6

| | | | |
|---|-----------|---|----------|
| 1 | Poor |  | 0 (0%) |
| 2 | Fair |  | 0 (0%) |
| 3 | Good |  | 0 (0%) |
| 4 | Very Good |  | 0 (0%) |
| 5 | Excellent |  | 6 (100%) |






Median **5** Interpolated Median **5.00** Mean **5.00** Std Dev **0.00**

4 Availability N=6

| | | | |
|---|-----------|---|---------|
| 1 | Poor |  | 0 (0%) |
| 2 | Fair |  | 0 (0%) |
| 3 | Good |  | 0 (0%) |
| 4 | Very Good |  | 1 (17%) |
| 5 | Excellent |  | 5 (83%) |




Median **5** Interpolated Median **4.90** Mean **4.83** Std Dev **0.41**

5 Communication N=6

| | | | |
|---|-----------|---|---------|
| 1 | Poor |  | 0 (0%) |
| 2 | Fair |  | 0 (0%) |
| 3 | Good |  | 0 (0%) |
| 4 | Very Good |  | 1 (17%) |
| 5 | Excellent |  | 5 (83%) |

Median **5** Interpolated Median **4.90** Mean **4.83** Std Dev **0.41**

6 Does this TA communicate effectively in english? N=6

| | | | |
|---|-----|---|----------|
| 1 | Yes |  | 6 (100%) |
| 2 | No |  | 0 (0%) |
| 3 | N/A |  | 0 (0%) |

Median **1** Interpolated Median **1.00**

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Enrollment of Registered Students:**210**

Enrollment of All Students:**210**

TA Comments Report for: **JiaYan Hu**

Q1 Comments

- Great TA!
 - Extremely helpful in office hours.
 - She is very good at explaining and giving guidance!
-
-

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

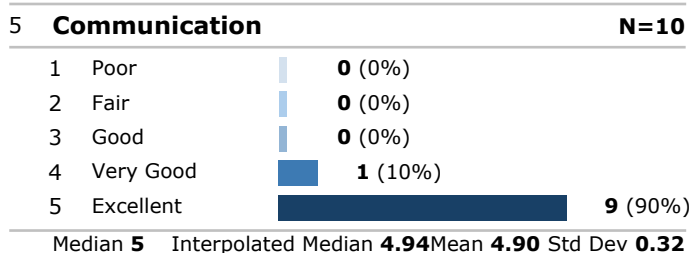
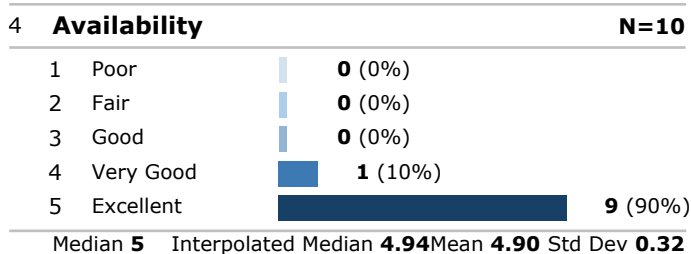
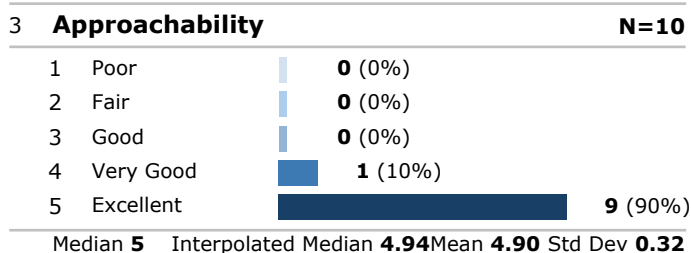
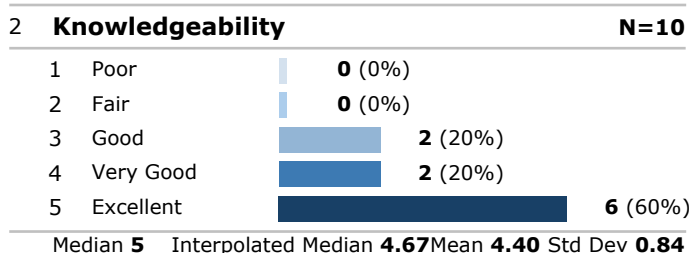
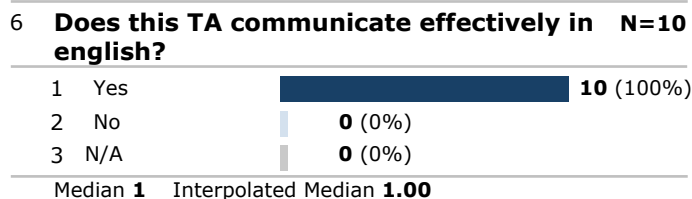
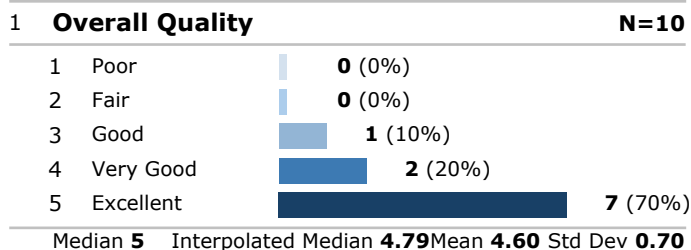
Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

TA Graph Report for: **Joshua Michael Zweig**



Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Enrollment of Registered Students:**210**

Enrollment of All Students:**210**

TA Comments Report for: **Joshua Michael Zweig**

Q1 Comments

- I had a question about the grading of one of my midterms, and Joshua was super responsive and helpful.
 - Josh is great.
 - awesome help! thank you!
 - Josh is super approachable and patient, which is great in general but specifically super helpful right before midterms when a bunch of us showed up to his Office Hours very confused about everything.
-
-

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

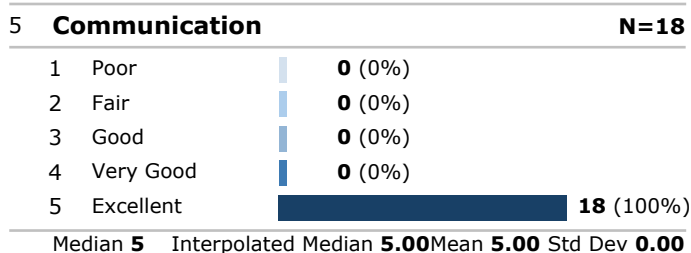
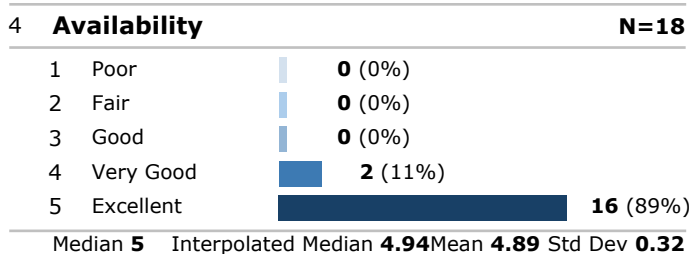
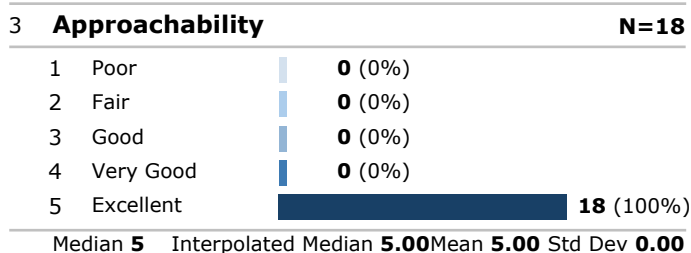
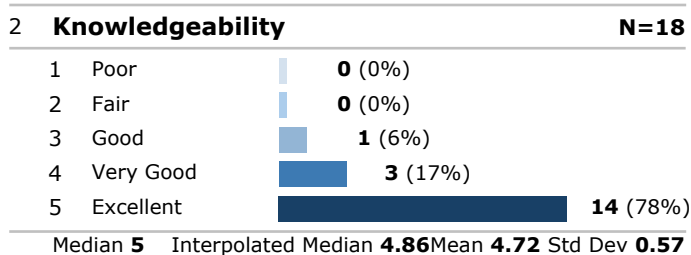
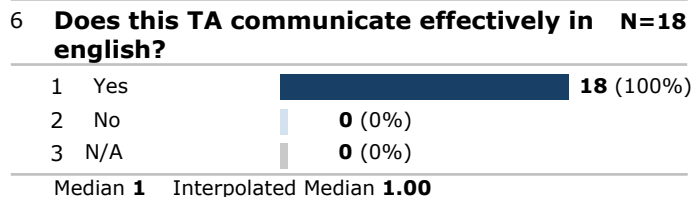
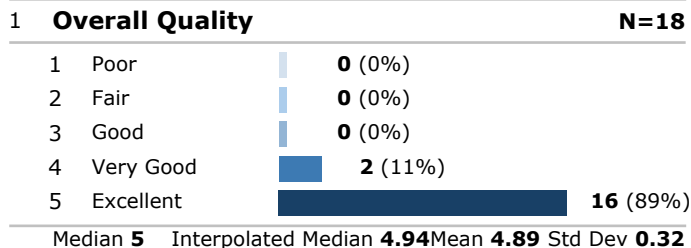
Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

TA Graph Report for: **Katie Stein**



Title: **Spring 2017 COMS Final Evaluation**Dates: **04/26/2017 - 05/04/2017**Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**Responses: **114/210 - 54.29%**Instructors: **Jae W Lee**Enrollment of Registered Students:**210**Enrollment of All Students:**210**

TA Comments Report for: **Katie Stein**

Q1 Comments

- Katie is an amazing TA, she does not hesitate to stay longer after the office hours to explain to you until you understand the material. She has huge knowledge about the material and she is happy to share with you.
 - I didn't interact with the TAs, but Courseworks made me at least evaluate one. So please discard this. Sorry :(
 - Katie is awesome and helped me work through problems I had with my homework a bunch of times. She didn't just tell me the answers though, she kind of pointed me in the right direction and had me do the work to solve the problem. This helped me learn exactly what I needed.
 - Was always well-prepared for recitations. A very understanding and approachable TA.
 - awesome help! thank you!
 - Went to one of her recitations and it was thorough and clear!
-
-

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

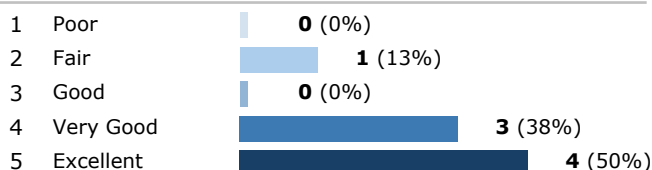
Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

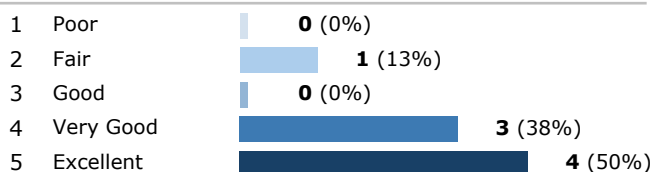
TA Graph Report for: **Lauren Wei Zhang**

1 Overall Quality N=8



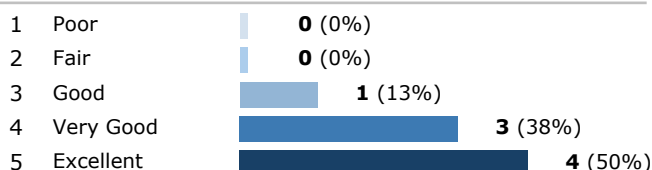
Median **4.5** Interpolated Median **4.50** Mean **4.25** Std Dev **1.04**

2 Knowledgeability N=8



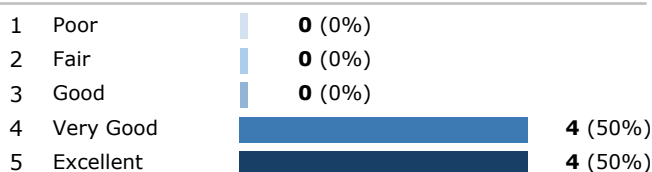
Median **4.5** Interpolated Median **4.50** Mean **4.25** Std Dev **1.04**

3 Approachability N=8



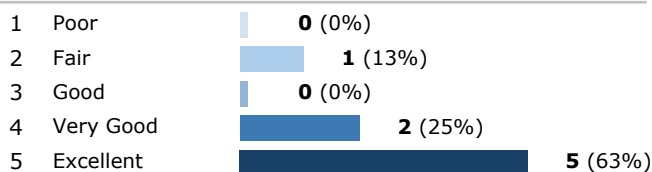
Median **4.5** Interpolated Median **4.50** Mean **4.38** Std Dev **0.74**

4 Availability N=8



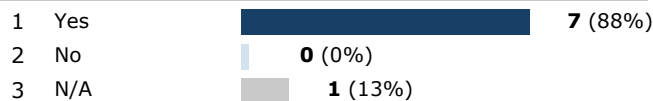
Median **4.5** Interpolated Median **4.50** Mean **4.50** Std Dev **0.53**

5 Communication N=8



Median **5** Interpolated Median **4.70** Mean **4.38** Std Dev **1.06**

6 Does this TA communicate effectively in english? N=8



Median **1** Interpolated Median **1.00** Mean **1.00** Std Dev **0.00**

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Enrollment of Registered Students:**210**

Enrollment of All Students:**210**

TA Comments Report for: **Lauren Wei Zhang**

Q1 Comments

- Somewhat dismissive at times.
 - She is very helpful during OH!
 - I never went to office hours and only went to one review session at the start of the semester, so my interaction with the TAs was minimal... (I am only filling this out because it is required). I found the review session notes very helpful though!
-
-

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

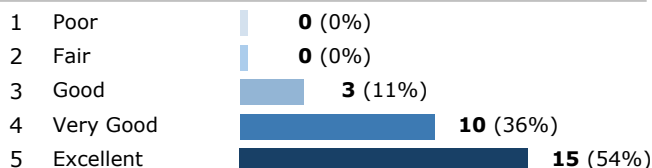
Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

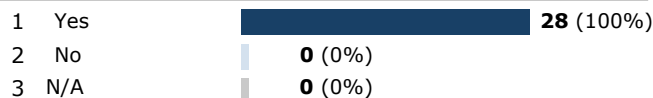
TA Graph Report for: **Nelson Gomez**

1 Overall Quality N=28



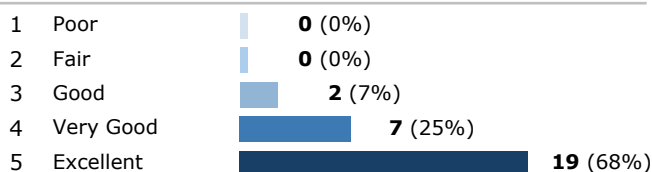
Median **5** Interpolated Median **4.57** Mean **4.43** Std Dev **0.69**

6 Does this TA communicate effectively in english? N=28



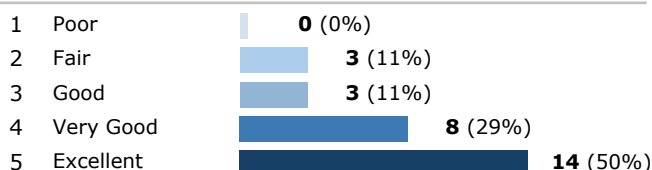
Median **1** Interpolated Median **1.00**

2 Knowledgeability N=28



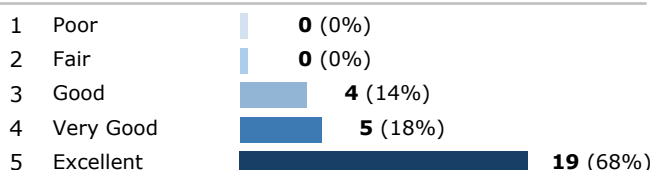
Median **5** Interpolated Median **4.76** Mean **4.61** Std Dev **0.63**

3 Approachability N=28



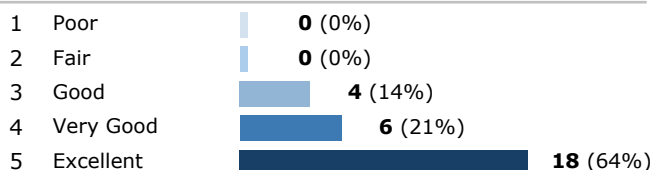
Median **4.5** Interpolated Median **4.50** Mean **4.18** Std Dev **1.02**

4 Availability N=28



Median **5** Interpolated Median **4.76** Mean **4.54** Std Dev **0.74**

5 Communication N=28



Median **5** Interpolated Median **4.72** Mean **4.50** Std Dev **0.75**

Title: **Spring 2017 COMS Final Evaluation**Dates: **04/26/2017 - 05/04/2017**Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**Responses: **114/210 - 54.29%**Instructors: **Jae W Lee**Enrollment of Registered Students:**210**Enrollment of All Students:**210**TA Comments Report for: **Nelson Gomez****Q1 Comments**

- Shout out to Nelson for always being quick on the listserv!
- Nelson probably answered the most student emails on the listserv of all the TA's, which was really helpful.
- Responds to listserv emails really promptly. I went to one of his recitations and it was very thorough and detail oriented. He also mentioned some out of scope things when they were relevant which I appreciate!
- I did not interact very much with the TA's. The office hours are much too crowded to learn anything.
- very available, knowledgeable, and encouraging!
- Extremely knowledgeable but quite condescending. Made it very hard to get any value at office hours.
- To be honest, Nelson's communication made me raise doubts on many of the things I knew already. He was very unsure of himself during recitation, did not deliver the material clearly, and I ended up purposely avoiding his recitations and office hours. A few things he said during office hours turned out to be incorrect when consulted with other TA's.
- awesome help! thank you!
- Most responsive of all TA's. Was very approachable.
- Very helpful on listserv.
- He is very responsive and helpful on the list serv and is willing to write up long explanations for an interesting topic, which is great for us.

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

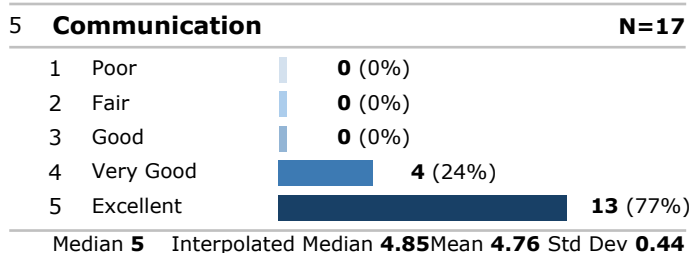
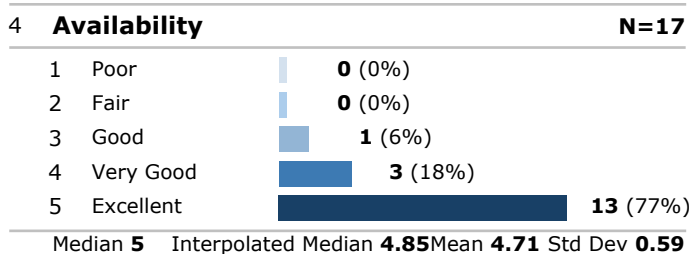
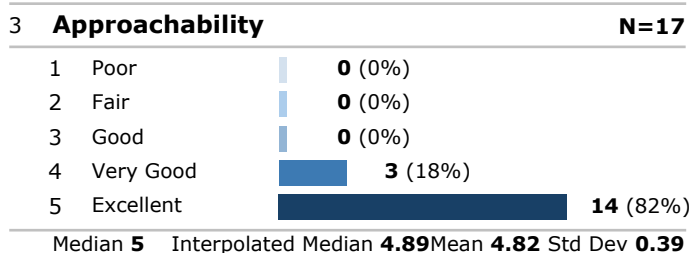
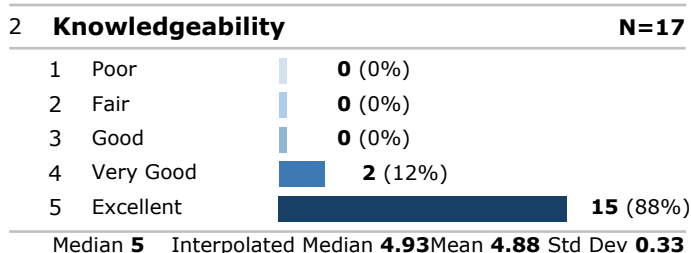
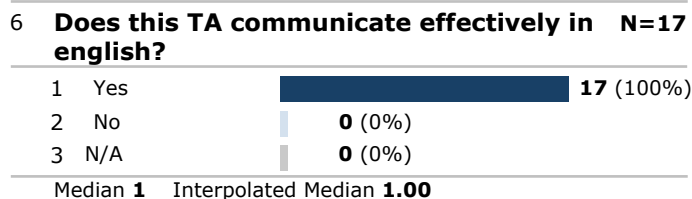
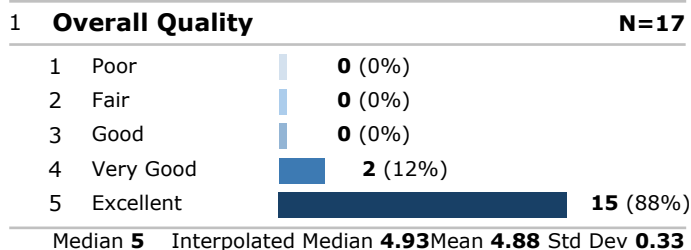
Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**

TA Graph Report for: **Yanqing Dai**



Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**

Instructors: **Jae W Lee**

Enrollment of Registered Students:**210**

Enrollment of All Students:**210**

TA Comments Report for: **Yanqing Dai**

Q1 Comments

- She explains things clearly and is very helpful during OH.
 - awesome help! thank you!
 - Probably the best TA I've ever experienced in any class I've ever taken at Columbia. She's really smart, explains things well, and obviously cares that students understand the material.
 - Yanqing is super friendly.
 - She was very helpful during the hackathon and nicely explained concepts.
-
-

Title: **Spring 2017 COMS Final Evaluation**

Dates: **04/26/2017 - 05/04/2017**

Course: **COMSW3157_001_2017_1 / ADVANCED PROGRAMMING**

Responses: **114/210 - 54.29%**



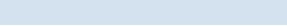
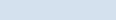
Instructors: **Jae W Lee**

Number of Participants: **210**

Enrollment of All Students: **210**




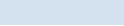
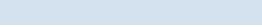
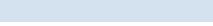
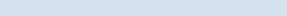
Graph Course Specific Questions

1 Which situation would you prefer: I=114

- | | | | |
|---|--|---|-----------------|
| 1 | The TAs should have longer office hours, at the expense of fewer review sessions |  | 21 (18%) |
| 2 | The TAs should hold more review sessions, at the expense of shorter office hours |  | 16 (14%) |
| 3 | No change from the current situation |  | 55 (48%) |
| 4 | Don't care |  | 22 (19%) |

Median **3** Interpolated Median **2.86** Mean **2.68** Std Dev **0.99**

2 Which days work best for review sessions? Select all that apply. I=304

- | | | | |
|---|-----|---|-----------------|
| 1 | Mon |  | 51 (17%) |
| 2 | Tue |  | 22 (7%) |
| 3 | Wed |  | 22 (7%) |
| 4 | Thu |  | 29 (10%) |
| 5 | Fri |  | 62 (20%) |
| 6 | Sat |  | 50 (16%) |
| 7 | Sun |  | 68 (22%) |

Median **5** Interpolated Median **4.95** Mean **4.48** Std Dev **2.13**