Title: **Fall 2016 COMS Final Evaluation**
Course: **COMSW3157_001_2016_3/ADVANCED PROGRAMMING**
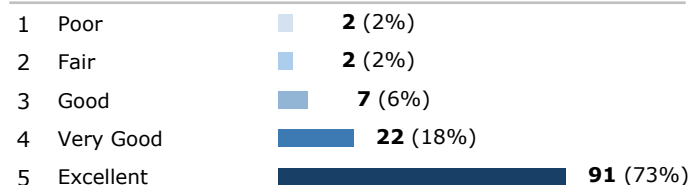Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**
Responses: **124/254 - 48.82%**
Number of Participants: **254**
Enrollment of All Students: **254**

Graph Course Questions

1 Course: Amount Learned   l=124
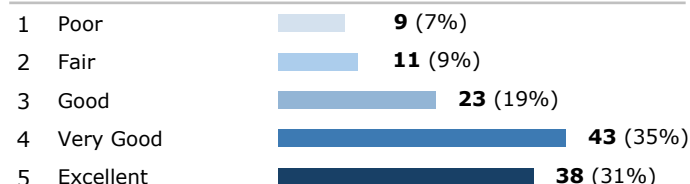
#			Value
1	Poor		**2** (2%)
2	Fair		**2** (2%)
3	Good		**7** (6%)
4	Very Good		**22** (18%)
5	Excellent		**91** (73%)

Median **5** Interpolated Median **4.82** Mean **4.60** Std Dev **0.81**

2 Course: Appropriateness of Workload   l=124

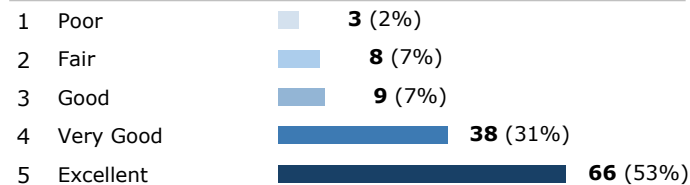| #			Value
1	Poor		**8** (7%)
2	Fair		**6** (5%)
3	Good		**13** (11%)
4	Very Good		**39** (32%)
5	Excellent		**58** (47%)
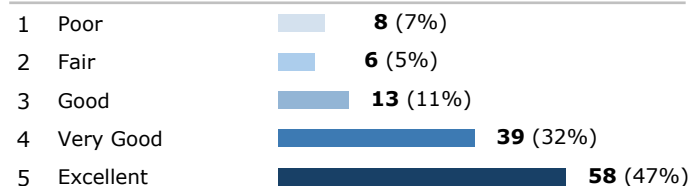
Median **4** Interpolated Median **4.40** Mean **4.07** Std Dev **1.16**
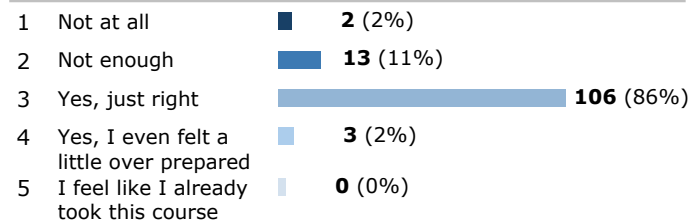
3 Course: Fairness of Grading Process   l=124

#			Value
1	Poor		**9** (7%)
2	Fair		**11** (9%)
3	Good		**23** (19%)
4	Very Good		**43** (35%)
5	Excellent		**38** (31%)

Median **4** Interpolated Median **3.94** Mean **3.73** Std Dev **1.20**

4 Course: Overall Quality   l=124

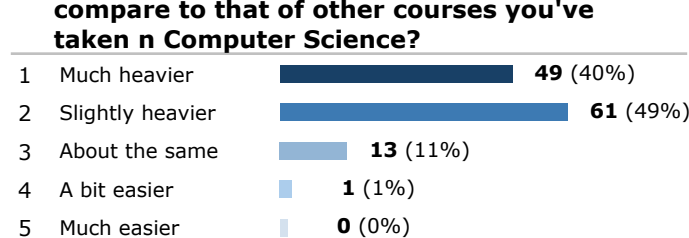| #			Value
1	Poor		**3** (2%)
2	Fair		**8** (7%)
3	Good		**9** (7%)
4	Very Good		**38** (31%)
5	Excellent		**66** (53%)

Median **5** Interpolated Median **4.56** Mean **4.26** Std Dev **1.01**

5 Do you feel that the pre-requisites for this course adequately prepared you for the course?   l=124

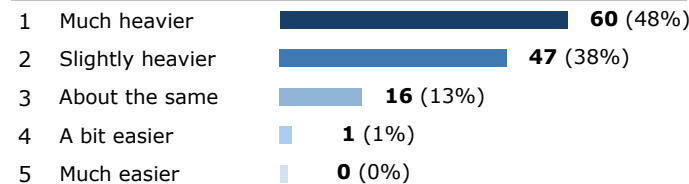| #			Value
1	Not at all		**2** (2%)
2	Not enough		**13** (11%)
3	Yes, just right		**106** (86%)
4	Yes, I even felt a little over prepared		**3** (2%)
5	I feel like I already took this course		**0** (0%)

Median **3** Interpolated Median **2.94** Mean **2.89** Std Dev **0.43**

6 How did the workload of this course compare to that of other courses you've taken n Computer Science?   l=124

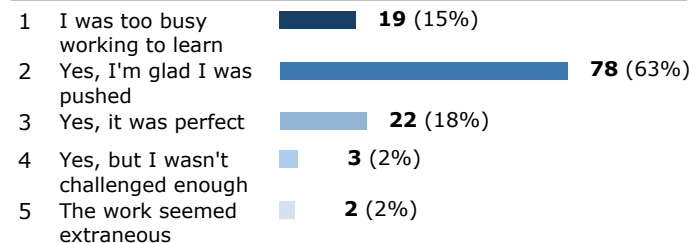| #			Value
1	Much heavier		**49** (40%)
2	Slightly heavier		**61** (49%)
3	About the same		**13** (11%)
4	A bit easier		**1** (1%)
5	Much easier		**0** (0%)

Median **2** Interpolated Median **1.71** Mean **1.73** Std Dev **0.68**

7 How did the workload of this course compare to that of other courses you've taken in other departments?   l=124

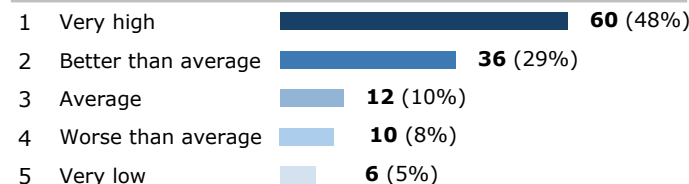| #			Value
1	Much heavier		**60** (48%)
2	Slightly heavier		**47** (38%)
3	About the same		**16** (13%)
4	A bit easier		**1** (1%)
5	Much easier		**0** (0%)

Median **2** Interpolated Median **1.54** Mean **1.66** Std Dev **0.73**

8 Do you feel that the workload of this course helped you learn the material well?   l=124

#			Value
1	I was too busy working to learn		**19** (15%)
2	Yes, I'm glad I was pushed		**78** (63%)
3	Yes, it was perfect		**22** (18%)
4	Yes, but I wasn't challenged enough		**3** (2%)
5	The work seemed extraneous		**2** (2%)

Median **2** Interpolated Median **2.05** Mean **2.12** Std Dev **0.75**

9 Of all the CS courses you have taken, how does this course rank?   l=124

#			Value
1	Very high		**60** (48%)
2	Better than average		**36** (29%)
3	Average		**12** (10%)
4	Worse than average		**10** (8%)
5	Very low		**6** (5%)

Median **2** Interpolated Median **1.56** Mean **1.92** Std Dev **1.16**

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Comments Course Questions

Q1 **Enter any additional comments here**

- I learned a lot in this course and felt challenged! I feel that my programming skills have significantly improved!

- Beyond excited to take AP I ventured into this course with no preconceived notions and a hunger to learn. I quickly picked up on the anxious atmosphere of my fellow students and soon was privy to the myths, mysticism, and rumors that surround this course and are perpetuated on campus.

  This course has a tenacity for being difficult, impossible, and has my peers switching their majors to hopscotch around this requirement and not subject themselves to a potentially painful experience.

  This is the bottom line: Professor Jae is highly knowledgeable and passionate about the subject he teaches. He has strong beliefs, practices, and an infectious attitude towards "hacking" that is invigorating. You leave this class having accomplished a lot, possessing copious amounts of knowledge, and having a better understanding of what it means to be skillful in this field.

  There is, however, a lot of room for improvement. The cult that has formed over the nature of the exams is not conducive to a good learning environment. The psychology behind the construction of the exams is what translates as a major pitfall of this course. The duty of a course is to pass knowledge, inspire, and nurture the student body into potential future success in the field. Having exams that 'trick' students is not a proper measure of knowledge, nor is it a useful tool for either party in the equation. The role of a successful instructor is to empathize with those he is mentoring and to desire that they succeed. This is not what is communicated through certain facets of the curriculum.

  The other matter is cheating. While I understand that, unfortunately, in the age of google, a student body that is strongly interwoven, and the desire to succeed, people will copy assignments and pass it off as their own, I feel that this matter was handled insensitively by the instructor. Through a series of communications that dangerously walked the line of being unprofessional, it was communicated that there is perhaps a personal agenda that needs to be resolved. When dealing with something like plagiarism, cheating, or any other form of academic dishonesty, the sensitive thing to do is handle it privately. The entire student body should not be subjected to feelings of anxiety because of a personal vendetta.

  Should you take this class? Yes, a thousand times, yes. It will push you in ways that you need to be pushed and the feelings of accomplishment you experience upon completion of labs is unparalleled.

  Better yet, you will leave this class an exponentially improved professional.

Comments Course Questions

- I'll start with something positive: I think when Professor Lee wrote the outline for the class, he genuinely wanted to teach this material and made a very well thought out plan and notes. However,

Professor Lee taught this course using fear tactics, emphasizing the difficulty of every assignment and how long they were going to take, how hard the tests are, and the shockingly high percentage of people who get caught cheating. He told us on day one that he can't bring himself to write an easy test. Instead, he makes blisteringly difficult exams that demoralize you, then he tells you that if you're disappointed with a grade you need to get some perspective on life. He was disappointed that the average for the second midterm was 47. HE was disappointed. Think about how those who brought that average down feel. Oh, wait, they should get some perspective on life. Using words like TRICKY and DIFFICULT in the directions for homework and exams is unnecessary. Are you trying to teach us how to code under extreme pressure? Will my job at Microsoft require me to parse data with a gun to my head and my boss telling me if I get another compiler error I'm fired?

The worst part of the class: he spends a surprising amount of time talking about people who cheat, which of course people shouldn't cheat, but I think that if he spent more time focusing on explaining things, giving us appropriate levels of homework and exams that actually test our knowledge, there would be SIGNIFICANTLY less cheating.

Lets be realistic here, we're getting assignments that take dozens of hours to complete, then 75% of our grade is exams that are nearly impossible. If you're in this class you're probably a STEM major which means you're taking some other homework intensive classes and if you're bombing these ridiculous midterms and don't have 45 hours in a day to get 100s on the homework, you might just crack. And if you want to shrug your shoulders and say that these students should have more moral wherewithal, fine, you're not wrong, but I think you're probably being purposefully obtuse about human nature. I would like to be extremely clear here that I am not trying to minimize cheating. Consequences to violating rules are important. Being in the military I've had to face some pretty harsh consequences for my mistakes and for the mistakes of others, but in the military we also believed in setting people up for success.   Setting. People. Up. For. Success.

I thought the several page long email that was sent out about cheating was unnecessary. It felt like the professor was trying to instill his morals in us, instead of just teaching the class. There was also a section in the email in which he quoted an email he sent out in a previous semester about cheating. He said he got in some heat, or hot water or something about the language he used in this email. Apparently it wasn't hot enough, because he sent it out again. In this little section he called cheaters "douchebags." Completely unprofessional.

Eventually someone I knew got an email accusing them of cheating. Now honestly I don't know if what they did was cheating, it was in a grey area that I wouldn't feel comfortable being in since I don't want to have to

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Comments Course Questions

take this class again, but I think having a conversation with the student would have cleared up the confusion. Instead, professor Lee sent out emails (I have no idea to how many students) on a Friday night telling them that they had to respond by the next day saying that they did or did not cheat and the first word on their reply had to be YES or NO. He also said that since they didn't confess before that it was now SERIOUS and if they said they didn't cheat and it turns out they did, their consequences would be much worse since he would have to go through the trouble of doing an investigation. Now, let me put that another way, Professor Lee sent out a threatening email to students on Friday evening, when their advisors were all home for the weekend so no one would be able to advocate for them, or give them guidance, and bullied them into incriminating themselves. Do professors get something out of catching cheaters? It feels like Professor Lee is a policeman ticketing someone for going two over in order to meet his quota.

I learned far less in this class than I would have if the homework left me time to study, and the fairness of the tests left me motivation to study. I love programming, I'm really good at it, and I did very well on the homework, but I learned this stuff despite Professor Lee's teaching, not because of it.

I don't think enough students have spoken up about his teaching methods and I think that's probably because he undermines the validity of a lot of people's genuine concerns by labeling them as cheaters.

- I did well on both midterms, but I almost felt as if I got lucky each time. I don't have an issue with the difficulty of the exams, but I do think that they could have been better designed. I understand the point of testing multiple concepts in one question, but I think that it is taken too far in AP exams. Additionally, I don't think it's a good idea to give a 20+ point question with limited partial credit. Finally, i think that the ideal grading policy would be in between the casual flexibility of Prof. Blaer's Data Structures (Another great course) and the rigid strictness of AP.

- Good class, challenging but fair midterms (in spite of the averages being horribly low). Learn what you need to learn to be a real CS person.

- Learned lots -- grading rubrics should be available for assignments

- It would be great if the exams tested what was covered on the labs to a greater extent.

- One of my favorite classes at Columbia! So well organized!

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Comments Course Questions

- Jae, this is a fantastic course and I thank you for the clockwork-perfect system of labs you've got going that really help to coalesce the course material into a cohesive, solid whole.

  My biggest peeve with the course (and hence why I gave it 4/5 for the overall quality section) is with the exams - I think the variance on them is too wild. Particularly considering that 1 midterm is worth the same as all the labs put together. It is almost unconscionable that writing 4 or 5 lines of code, or 1 mistake in those lines of code, should be worth most of the marks in a question that is in and of itself worth roughly half the entire exam. I'm thinking specifically of midterm's 2 rubric, where forgetting to write the "fopen" lines immediately cap the grade at 10/49 on question 2.

  That really doesn't make sense. I know you've gone through the reasons for your grading policies in your class, but I really hope that you'll reconsider a different philosophy, perhaps, to writing exams. Right now, the exams seem more designed to force a curve in the class as opposed to actually being a fair judge of what is known and what isn't. For example, I find that Blaer's 1004 and 3134 exams do a very good job of covering a wide range of material in a limited amount of time, while not neglecting depth. I understand that you might like to go deeper, and there is a HUGE gulf between what you're doing now and what (I would personally think) is a fair way to judge people on exams by giving a wider range of topics and questions, and with each one worth slightly less.

  By all means, please bring on those fiendish fork() questions and such. But please also consider the weightage you're assigning to each question, and how the subsequent rubric for those questions can make or break someone's grade. Does it really make sense that forgetting to write one line of code in a 1h10 exam is worth one or two grades for a course that lasts an *entire semester*?

- To respond to #6, I don't think the prerequisites are indicative of the material. Learned C from the ground up. Still a great course.

- Please stop condescending over students. Your job is to teach us, not show us how much you know. In addition, class is way too big for us to get any real personal learning experience. TA were extremely nice and helpful, although the overall learning experience was terrible.

- Concepts presented thoroughly, a little more coding experience actually applying the concepts in C and particularly C++ would have been useful.

- A good course. Not a satisfying one. You don't come out of it feeling happy. You do come out of it with a deeper understanding of programming.

- Exam rubrics can be very unfair in certain cases. For the two previous exams, the scores we got did not match our levels of understanding

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Comments Course Questions

- Very heavy-workloaded course but so worth it.

- 1. I think the professor had problem with time management this semester overall. The professor was late to 5+ classes more than 5+ minutes and although this may seem trivial, I think this is something worthwhile to be addressed for the future. I understand there can be extenuating circumstances for being late a few times but it is a big class of more than 250 students and it is disrespectful to be late so many times without any notice. There are other classes at Columbia where couple late attendances add up to an absence and result in grade deduction. I hope professors keep that in mind as well.

- I don't think we were prepared to solve the knotty recursion tell-me-the-output style questions. I had the knowledge of the parts but I didn't understand how to put it together, and of course there's nothing to refer to.

  Though I don't object to hard questions on the midterm, some questions I felt bordered on trivia rather than knowledge. For example, being tested on how many times a subject line appears in a patch file.

- I would have preferred to focus a little less on learning C and more on either architecture or networking. I think creating a year long sequence that condenses either DS with AP or AP with Fundamentals would be appreciated. There were some classes at the end of the semester that felt like repeats of DS: for example linked-list and vectors. Although I know it's been voiced multiple times in the past, I'm also want to cast a vote for MultiThreading at the end instead of C++. I liked building mdb-servers from different perspective; provided a lot of insight on what each new concept adds to the tool belt.

- I only came to enjoy this class once I stopped caring about the grades and focusing more on the useful knowledge it could teach. That said, the grading process could surely be improved. Never have I taken a class where I felt like there was such a weak correlation between my understanding of the material and my test grades. On each of the midterms I lost a tremendous amount of points for minor slips which literally dropped my grade in half due to there being absolutely no room for interpretation on the part of TAs. I understand the point of this system, but I also feel that there really ought to be a better way without sacrificing impartiality. On another note, I think just giving students such pathetically low scores can be pretty demoralizing for those, like myself, who find little motivation in being told they understood some sub-50 percentage of the material (despite reminders that it's relative scores that will matter in the curve). The test questions themselves basically choose a few small areas covered out of dozens from the material and probe every little nit-picky detail out of those topics through what amounts to tests dripping with trick questions. While the scores don't necessarily reflect broad knowledge, I can see the reason behind this strategy in motivating students to really understand each topic deeply. I will also say, though, that I found the answer to more than a few questions just by looking for what the "obvious" choice would be and doing the opposite. Jae seems to have some deep-rooted aversion to asking straightforward questions.

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Comments Course Questions

- Please find a room that can display the projector without turning off all the lights. Very hard to understand the lecture when the lights are off

- This course provides an in-depth look at what goes on "under the hood" of the programming languages taught in Into to Computer Science and Data Structures. Material is presented in a logical order and builds on itself, getting progressively more demanding and complex. I am definitely a stronger programmer now than I was a few months ago. However, this class took a huge toll on my mental health. From the beginning it was clear that in this class there is absolutely such thing as a stupid question. If you asked one you were made aware of it, and publicly. On a pretty frequent basis, questions were met with cold, sarcastic answers by TAs Jae himself, and, later on, students who learned that unnecessary harshness was acceptable. I had plenty of questions throughout the semester, but always brought them to the TAs who I knew wouldn't ridicule me. To address this problem, Jae either needs to bring back Piazza (or an alternative that gives students optional anonymity), or promote an environment where students can freely ask questions without fear of public humiliation. The former seems more feasible. In addition to this, I also feared exams, and not in an 'I don't get it I'm so screwed' type way. The arbitrarily harsh grading rubrics made it entirely possible for someone who studied a ton and understood almost everything to get < 30. The scores weren't low in this class because people didn't understand the material; they were low because, if you missed 1 detail out of 100 on an important problem, and your mistake wasn't deemed both 'close enough' and 'common enough' to make it onto the narrow partial credit spectrum, you received no credit. To top all of this off, an email was sent out midway through the semester essentially saying that if you cheated, you were scum and Jae would personally go after you. I am not a cheater, nor was I accused of cheating, but for the entire week after that email went out I was constantly on-edge because 'what if?' It's a programming class; there are only so many ways to write a program that executes a pretty basic task (especially with the structural guidance given in the assignments). The same sentiment could have been easily relayed in an email 1/10 the length with 100% less melodrama. "You are about to decide whether or not you will be a cheater for the rest of your life." Is this necessary? I don't think it's healthy to have a class that both promotes fear and encourages students to praise the professor as if he were a deity. 'Jae' this, 'Jae' that, "let's look up 'Jae' on the class database over and over" — give it a rest. If this class could tone the drama way back, grade fairly, and function like (quite literally) every other Computer Science course I've taken at Columbia I think future students like myself would enjoy the course immensely.

- I thought this was a great course. However, I'm not a fan of the grade breakdown. The labs should definitely weigh much more in terms of grade. The heavy emphasis on the exam grade is incredibly stress-inducing, and sometimes it would seem like there's no point in doing the labs if the exams are worth so much more. It feels bad to have to hope that others do poorly on the exam so the curve would be generous.

Comments Course Questions

- Sometimes office hours were so crowded that not everyone could even fit into the room let alone have a chance to interact with the TA. Although many TA's changed their office hours to accommodate upcoming deadlines and exams, I feel like sometimes they were still too overwhelmed by the volume of students. Despite this, when I did get a chance to speak to them, they were overall very helpful.

- I learned a lot from doing lab 4 with a partner -- I hope lots of people had the same opportunity to collaborate and learn how Github works. It also brought me and an old friend together! That's a huge plus.

  Sometimes I wish the lecture materials were taught earlier because they would be helpful for doing the lab.

  Also when we started C++ there was a long period of time when we still had to do lab 7 and it was distracting and hard to start learning C++.

  The lecture room is really dark so when Jae uses the projector it's hard to take notes (and easy to fall asleep). But when Jae lectures with the black board, it was amazing. I learned so much and AP is the one lecture class I never want to miss.

- Tests were a bit harshly graded and punished students heavily for some minute details but in general was fair.

- This class was not as hard as I expected it to be, yet had annoyingly tedious assignments. Also the jump from data structures to this course is a bit ridiculous. Email chains were not my favorite and kind of spammy, even with email filtering. This class honestly made me NOT want to become a software engineer. That's not really the course's fault but still is the truth.

- Midterms don't reflect comprehension of knowledge. Significant amount of workload; should consider giving 4.5 class credits, if not 5. Too busy working on the labs that left little time to absorb the materials. Projects too theoretical (not directly applicable).

- Here's a quote attributed to Confucius: "I hear and I forget. I see and I remember. I do and I understand." I think that last refrain aptly sums up my thoughts on the course -- yes, there were times I struggled through the coursework and didn't entirely understand concepts, but at the end of the day, the effort you put in correlates to the value you get out of the course. I enjoyed being challenged, working through problems, and think I've become a better programmer and thinker because of this course.

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Comments Course Questions

- by far the best course I have taken at Columbia. It is so unfortunate I took it as a senior, but so happy I did! Better late than never. I envision this course as being one of those classes that I look back at Columbia that was so challenging and so rewarding. It pushes you, challenges you, and rewards you by the end of the semester when we built a web-server from scratch. One of the most exhilarating feelings I have ever had to know I made that. Jae is what all professors should strive to be. The course was carefully planned and gracefully executed. I am an Applied Math major and during my time here I never quite was intrigued by how computers worked and after taking this class, I am! Im even considering taking Operating Systems with professor Jae Lee next semester.

- The exams are unreasonably difficult. The average scores on the midterms were 59.70 and 47.09, respectively.

- I do not know how else/what else there can be done to prep. me for this course.

- Wow what a class. The treating of the product style grading for the labs was a great atmosphere in regards to that's how the real world works with software development. I probably spent 60% of all my time between my classes on this class, and although my midterm scores may not reflect it,(especially mdt2 :( ), I feel as though I have learned an incredible amount in such a short time. Overall, great teaching style and approach-ability, holding those personal office hours after mdt2 and always commenting hints for each lab on the listserv. You have said this once in class before lab3, but I would emphasize as the most important aspect of the class: When doing these labs DO NOT just dive in. If you do, you will end up "guessing" that last vital 10% of the lab structure, and as such will never actually learn it. What I am saying is that just because you got a very high score on the lab doesn't mean you have attained the level of understanding adaquete for the class. For example, on lab3, given its length, I just hopped in without a true understanding of pointers. I knew what they did, but did not truly comprehend pointer arithmetic. As such, when it came time for the next lab, I had to relearn a bit as there was a level of understanding to pointers that I wasn't too comfortable with. My mistake isn't on you, it's on me, but I guess I'd say to help prevent future students from falling into that trap is overemphasis how vitally important it is to have that compass fully oriented before plunging into the forest. Like you said, every lab is cumulative and a solid foundation is needed to construct a skyscraper not just to exist, but also to withstand wind, rain, earthquakes, and even q2 on midterm 2! Overall, while I didn't quite believe you when you said this class was to turn us into actual programmers, I'd say my mind was changed a few days into lab7. While my performance on midterms fell well below my goals, that doesn't take away from how much I loved this class. Each lab may have taken an incredible amount of time, but it was so worth it as they were such practical assignments! Thank you.

- Hard class; lecture notes could be better for self-learning as lectures themselves are not too helpful

- I am glad to see that after the first course evaluation there has been more partial credit given in grading rubrics.

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- I felt like the labs were incredibly useful for learning the material but the amount of time they took + the quick turn around time between each one made it so I was often too busy working on labs to pay attention in lecture. Which would leave me with a bunch of new stuff to learn for the next lab. Also, disappointed that Lab 8 and the lecture for it were skipped and that we didn't have much time for C++ at the end of the semester. Overall learned a ton though!

- This is one of the most organized/best courses I've ever taken. Exams were fair, in my opinion, and definitely required you to know the material front and back. People complain, but that's exactly what an exam should examine?
  Labs were well-written and pushed me at times, but always were doable. TAs in general were quite approachable/helpful during office hours.
  One of the best and most worthwhile classes I've ever taken. Made me want a second major in CS.

- While i understand the large amount of poeple causes for strict grading rubrics, I think that sometimes especially on exams grading was a bit too harsh, and i didnt feel like i was learning because i was discouraged by the grades

- Overall a great course to learn about the nitty-gritty of C and low-level topics. I feel that I've come out of the course a better programmer. Completion of lab 7 really was the highlight of the course and felt enormously satisfying.

- While I understand that we were warned that the courseload would be heavy, I feel that it is unproductive to have so much work it inhibits the opportunity to have a full, robust experience with C. In other words, I understand that Jae wants to push us and reward students for truly engaging with the work, but so much work makes me feel like I cannot grow. Additionally, I also understand that he doesn't want to teach a classroom of cheaters, but the sheer anxiety I got from reading an email warning us about cheating was really draining, and deteriorated my mental health significantly - even though I didn't do anything wrong!! I do resonate with his concern about the prevalent cheating in the CS department - and perhaps I may feel the injustice more because I am competing with those students - but I and many other people in the class whom I had shared conversations about this felt that the email was harsh to the point of it being unnecessary. I have showed the email to people not even taking the class, and they themselves expressed anxiety even though they're not even CS majors. I know I run the risk of sounding very dramatic, but I do want to caution the class for the future years on the consequences of the rest of my semester. I feel like he was trying to teach us life lessons with good intentions. It is important to balance that out.

  On another note, I really appreciated the transparency of the class in terms of grading and feedback. Jae is a very nice, intelligent professor when taking the opportunity to approach him and understands intuitively what we may not get.

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

Comments Course Questions

- I think at times, the assignments could have been more comprehensive of what was covered in the lectures, that way, on the exams, we would be completely prepared for certain questions. For example, I don't think I got much practice with fseek(), yet there was a big question on midterm 2 that involved fseek().

CourseWorks@Columbia

Program Evaluation System

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Number of Participants: **254**

Enrollment of All Students: **254**

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

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1   Instructor: Organization and Preparation I=124

1	Poor	**1** (1%)
2	Fair	**6** (5%)
3	Good	**11** (9%)
4	Very Good	**22** (18%)
5	Excellent	**84** (68%)
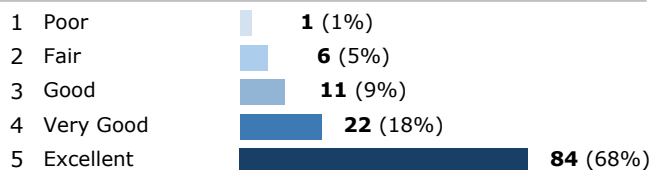
Median **5**   Interpolated Median **4.76** Mean **4.47** Std Dev **0.91**

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2   Instructor: Classroom Delivery   I=124

1	Poor	**3** (2%)
2	Fair	**6** (5%)
3	Good	**15** (12%)
4	Very Good	**39** (32%)
5	Excellent	**61** (49%)
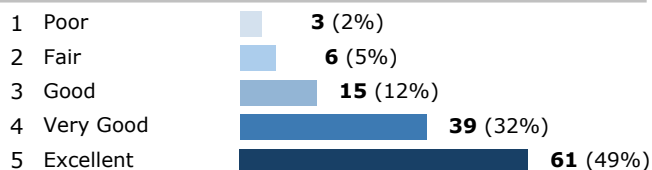
Median **4**   Interpolated Median **4.47** Mean **4.20** Std Dev **1.00**

---

3   Instructor: Approachability   I=124

1	Poor	**13** (11%)
2	Fair	**14** (11%)
3	Good	**27** (22%)
4	Very Good	**19** (15%)
5	Excellent	**51** (41%)
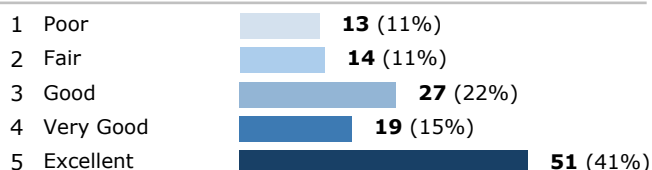
Median **4**   Interpolated Median **3.92** Mean **3.65** Std Dev **1.39**

---

4   Instructor: Overall Quality   I=124

1	Poor	**6** (5%)
2	Fair	**5** (4%)
3	Good	**9** (7%)
4	Very Good	**37** (30%)
5	Excellent	**67** (54%)
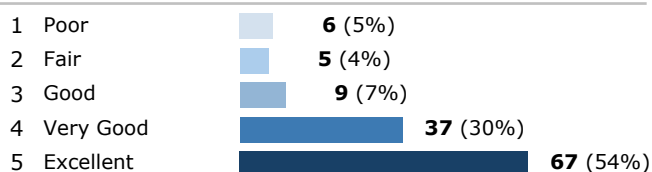
Median **5**   Interpolated Median **4.57** Mean **4.24** Std Dev **1.08**

---

5   Would you nominate this professor for the SEAS Distinguished Faculty Award?   I=124

1	Yes	**74** (60%)
2	No	**50** (40%)

Median **1**   Interpolated Median **1.34**

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses: **124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

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

Q1 If so, please explain why

- Jae has put so much thought into designing this course in such a way that your knowledge of C/C++ clearly progresses over the course of the semester.

- Very strong lecturer, cares a great deal about his students!

- Jae does a really good job in getting us to program well. I enjoy his pedagogy.

- He is an excellent professor.

- very organized class with good learning material

- Everything, including the teaching material and assignments, was done with a clear purpose, and the class managed to be both practical and educational. Jae was an engaging lecturer.

- Jae's class is unique in that it very well bridges the gap between intro-level CS courses with higher level courses. As the designer of such a course, Jae deserves this honor.

- Honestly I found Jae to be kind of intimidating and not that approachable

- While I always had an interest in computer science and programming, Advanced Programming really made me love the subject that I am studying. The labs are very well-organized and challenging, and I enjoyed the subject matter being taught in the course. I highly recommend this class to students both in the computer science major and outside of it.

- Looking back (and after reading Jae's paper "Follow the River and You Will Find the C"), I realize how carefully Jae crafted his course. Each subsequent lecture introduced us to concepts that added onto previous ideas, each subsequent lab was an enhancement on the previous lab/built on top of the previous lab. The progression from basic C, to building a web server, to C++ and more is logical. If we were to use the river analogy (and if this were an art/literature paper), I'd compare it to navigating a shallow stream littered with rocks, then heading into deeper rapids, falling down the waterfall (lab7), then traveling with the current in a sort of continuum, reveling in our survival and ready to take on grander challenges.

- Everything a professor should be. Pushes students, but not malicious. Designed a well-structured course and conveys the material well for the most part.

- I really appreciate how well thought out this course was.

- I probably learned more in this class than any other class I've taken at Columbia. The lectures were informative and well-paced and the homeworks did a great job at reinforcing learned concepts.

- Useful and well planed.

Title: **Fall 2016 COMS Final Evaluation**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**
Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**
Responses**: 124/254 - 48.82%**
Enrollment of Registered Students:**254**
Enrollment of All Students:**254**

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

- Jae really cares that his students learn. He can be tough and unaccommodating at times, but he really pushes you as a student and makes you feel proud of the work you did in the end. He is passionate about learning to his core and I have never had a professor as devoted to his students as him.

- While I appreciate Jae's dedication to his course, he can easily rub off on you as overbearing and condescending. He, without a doubt, has a big ego -- I remember on the first day of class he cited Bwog, claiming his class as "one of the best " at Columbia. Chill, man.

  And while I do appreciate his commitment to fairness, his methods are despicable. He goes way overboard, using scare tactics to try to get people to admit to cheating. I had friends who didn't cheat consider admitting to it because their code was similar to the solutions he released...

  Other than that, the workload is enormous. I spent more time on his labs than my other five classes combined. His exams make no sense either because they don't even test what he teaches in class. He'll the basics of C in class, but then expects people to become experts come the time of the exam. One of the exams this semester had a mean of 45 and a high of 82. I don't care if he curves generously -- there is no point in giving out a test where everyone fails. Is there a really a difference between a 40 and a 30? At that point, it just becomes a matter of who fails less, not who knows more.

- Jae promises to turn a students from programming students to professional programmers and he actually does this!

- Jae is always well prepared and puts a lot of thought into constructing homework and exams.

- I think that Jae explained material extremely well, and his incredible wealth of knowledge meant that I benefited from taking this class much moreso than I would have from reading a textbook or trying to learn the material online. I think his commitment to fairness and making sure we knew why each topic was important to our growth was unprecedented. He obviously has thought a lot about the way that Computer Science should be taught, and that is something that I really appreciated throughout the semester. I did find the course extremely hard, so for someone pursuing a major but not interested in pursuing a career on the subject, it was frustrating at times to maintain a commitment to the material. Studying for exams was a 24-hour, multiday commitment that I struggled to find time for, but I think without the grade to force me to make time, I would have never attained the confidence in my programming competence that I have now. I came into the class feeling like I didn't have a place in the programming community, necessarily, even if I had good grades in the major classes, and now I have the confidence to look up answers to questions I have, largely because I feel that I have a solid foundation to build on.

- He's very clear in his explanations and sends emails in the wee hours of the morning to help students. That's dedication. I just wish that he would show up to class on time more often.

Title: **Fall 2016 COMS Final Evaluation**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**
Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**
Responses: **124/254 - 48.82%**
Enrollment of Registered Students:**254**
Enrollment of All Students:**254**

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

- Professor Lee, though perhaps in a somewhat harsh way, seems to really care about his students. There were times that i have been absolutely terrified in this class (in terms of academic dishonesty) and I think that the scare culture is quite unecessary, other times i notice that he often offers life advice, and in general has done an incredible job teaching c. As someone who picked up computer science only a semester ago (and crammed all the required classes over the summer) I was super engaged the entire time because of his lectures and was honestly impressed at my progress and it is entirely his doing. He's been a very funny and interesting teacher, while stern at times, and has left a very good impact on me especially in terms of my future in CS.

- Jae is a great instructor and has a very deep knowledge of what he teaches.

- Jae is probably one of the most friendly, knowledgeable and well known professors on campus. He is very good at explaining the concepts and building you from the ground up.

- I learned a lot

- strict but really emphasizes learning rather than just tests and grades

- Because Jae is tough and this is the first course I've taken where I feel like I'm being prepared to get a job. Bless your heart, Jae -- I've learned more about programming and the industry in this class than in 4 semesters learning other bs in Java.

- he is good

- Professor Jae Lee described many complex topics in C in a very detailed and informative way that also made it very clear to the students. His attention to detail and description of how everything works at a very low level was very fulfilling and made one want to read on about the many topics he did not get time to delve into. Overall, he was a great Professor and taught this course very well.

- Jae is great. Organized and clear on everything. Stringent but also nice to students.

- He's one of the CS professors that I have found to be very enthralling. I found his projects to be amazing and AP definitely lived up to the hype that was given to it by others who have already taken this course.

- because its Jae

- Very good Lecturer.

- You'd be hard-pressed to find a better TEACHER in SEAS. Jae can be polarizing at times (especially the night before midterms!) but no one walks out of AP without learning a ridiculous amount of material. In content, I probably learned 2 or 3 fold what I learned in Data Structures, and it was presented in a directed way that made it not overwhelming.

Title: **Fall 2016 COMS Final Evaluation**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**
Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**
Responses: **124/254 - 48.82%**
Enrollment of Registered Students:**254**
Enrollment of All Students:**254**

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

- A teacher with unrelenting dedication to the success and proper education of his students, Jae W Lee exceeded all (already high) expectations for his teaching.

- Jae is admittedly a hardass, but he is very well-organized and he takes his work as an educator very seriously, which I appreciate deeply.

- Very well articulated, in depth lectures, really cool labs

- see above

- great guy

- Jae is bae

- It's very evident that Jae has put a lot of time developing this class and deliberately made decisions to optimize the learning environment. I always appreciate when a professor teaches a class multiple years in a row because I can be confident in his/her presentation of the material. In particular, Jae's Labs are very well designed and are challenging yet approachable.

- Made me a much better programmer

- If there is a clearer way to follow the changes in the codes, for example a list of all the changes before class (in the lecture there are only generalizations), it would be easier to follow. Because sometimes when the professor changes one place (say remove a line) and it changes the whole mean of the code, as a student it's hard to write down the whole code and the explanations. Also sometimes the professor explains by words and it's hard to follow and it would be hard to come back to that concept later. Some students tries to record and play back but it the professor can write concepts/explanations down in class perhaps it would be clearer. The professor does send out email explanations of certain concepts and those are very helpful.

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Number of Participants: **254**

Enrollment of All Students: **254**

TA Graph Report for: **Benjamin Whitmore Hanser**
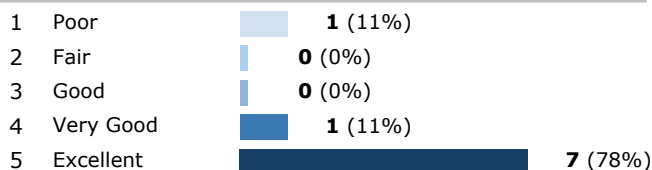
1 Overall Quality   N=11

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (9%)
5	Excellent		**10** (91%)

Median **5**   Interpolated Median **4.95** Mean **4.91** Std Dev **0.30**

2 Knowledgeability   N=11

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (9%)
5	Excellent		**10** (91%)

Median **5**   Interpolated Median **4.95** Mean **4.91** Std Dev **0.30**

3 Approachability   N=11

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (9%)
5	Excellent		**10** (91%)

Median **5**   Interpolated Median **4.95** Mean **4.91** Std Dev **0.30**

4 Availability   N=11

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (9%)
5	Excellent		**10** (91%)

Median **5**   Interpolated Median **4.95** Mean **4.91** Std Dev **0.30**

5 Communication   N=11

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (9%)
5	Excellent		**10** (91%)

Median **5**   Interpolated Median **4.95** Mean **4.91** Std Dev **0.30**

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**

Title: **Fall 2016 COMS Final Evaluation**   Dates: **12/05/2016 - 12/12/2016**
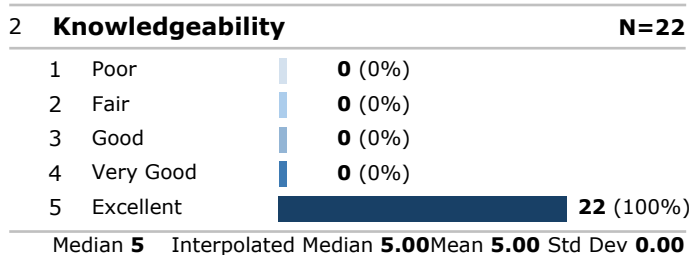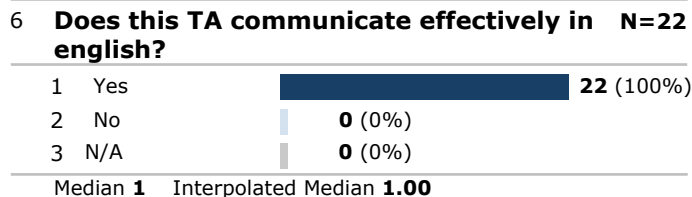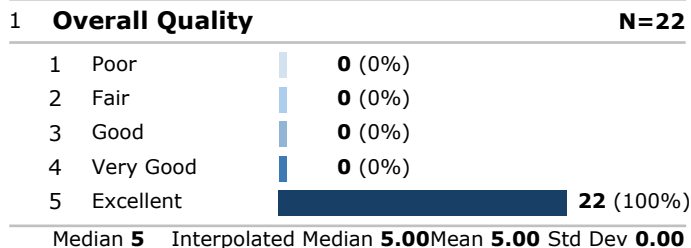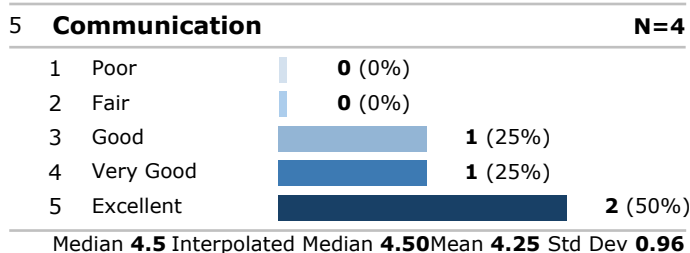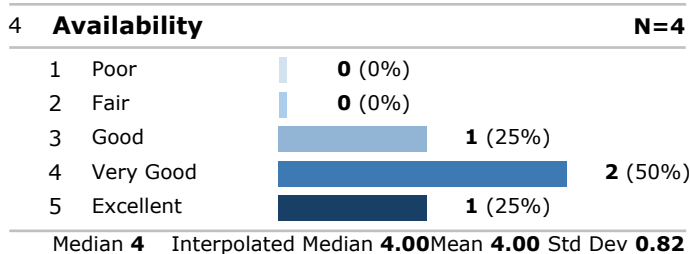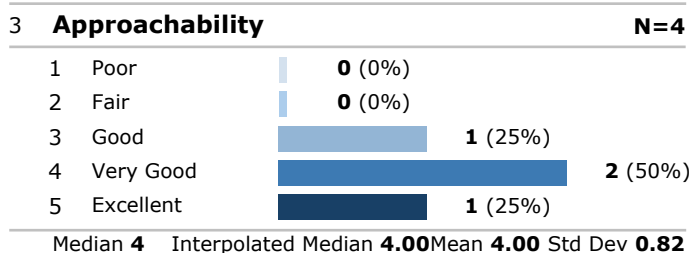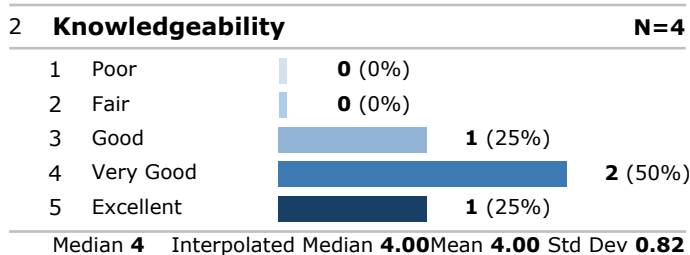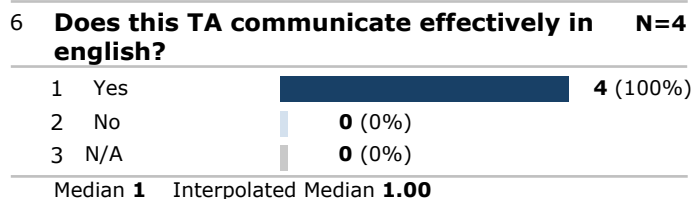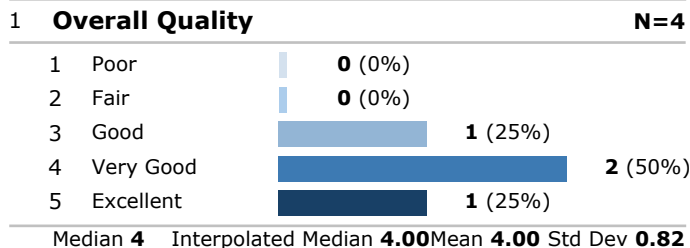
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**   Responses**: 124/254 - 48.82%**

Instructors: **Jae W Lee**   Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

TA Comments Report for: **Benjamin Whitmore Hanser**

Q1 Comments

- Ben is always willing to help, and he has good knowledge of the material.

- Ben was willing to devote a lot of extra time on nights before midterm exams answering students' questions - truly a great TA.

Title: **Fall 2016 COMS Final Evaluation**   Dates: **12/05/2016 - 12/12/2016**

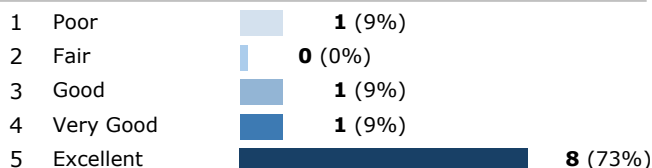Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**   Responses: **124/254 - 48.82%**

Instructors: **Jae W Lee**   Number of Participants: **254**
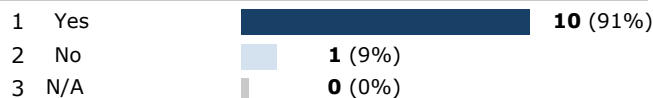
Enrollment of All Students: **254**

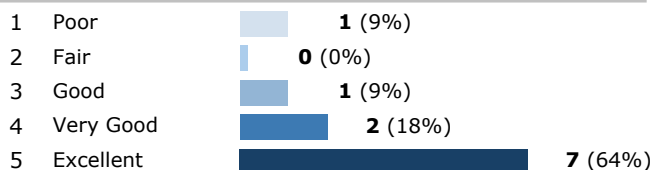TA Graph Report for: **Craig Douglas Rhodes III**

1 Overall Quality   N=10

1	Poor	**1** (10%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**3** (30%)
5	Excellent	**6** (60%)
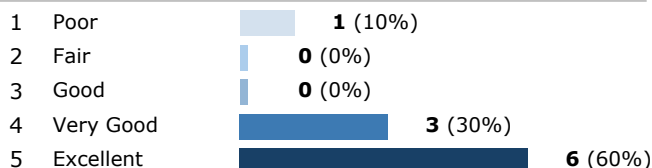
Median **5**   Interpolated Median **4.67** Mean **4.30** Std Dev **1.25**

2 Knowledgeability   N=10

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (10%)
4	Very Good	**3** (30%)
5	Excellent	**6** (60%)
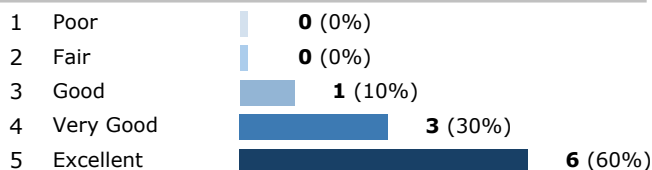
Median **5**   Interpolated Median **4.67** Mean **4.50** Std Dev **0.71**

3 Approachability   N=10

1	Poor	**1** (10%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**2** (20%)
5	Excellent	**7** (70%)
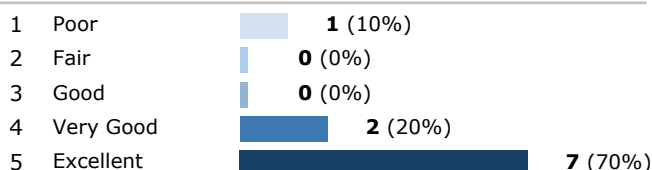
Median **5**   Interpolated Median **4.79** Mean **4.40** Std Dev **1.26**

4 Availability   N=10

1	Poor	**0** (0%)
2	Fair	**1** (10%)
3	Good	**1** (10%)
4	Very Good	**2** (20%)
5	Excellent	**6** (60%)
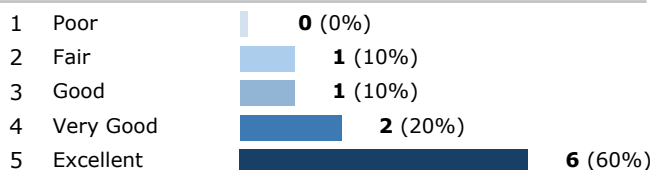
Median **5**   Interpolated Median **4.67** Mean **4.30** Std Dev **1.06**

5 Communication   N=10

1	Poor	**1** (10%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**2** (20%)
5	Excellent	**7** (70%)
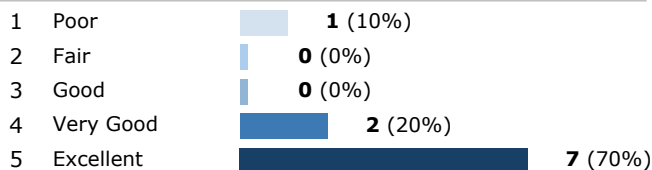
Median **5**   Interpolated Median **4.79** Mean **4.40** Std Dev **1.26**

### 6 Does this TA communicate effectively in english?   N=10
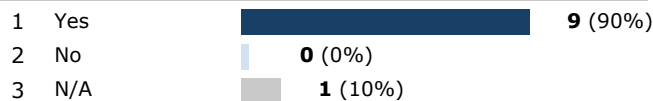
1	Yes	**9** (90%)
2	No	**0** (0%)
3	N/A	**1** (10%)

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

Title: **Fall 2016 COMS Final Evaluation**   Dates: **12/05/2016 - 12/12/2016**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**   Responses**: 124/254 - 48.82%**
Instructors: **Jae W Lee**   Enrollment of Registered Students:**254**
                                                            Enrollment of All Students:**254**

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

Q1 Comments

- Only went to office hours a couple times, but he was quite helpful. No complaints there.

- Craig was astounding - he made time outside of his office hours to ensure that I understood the content, but never gave away answers. The way he helped with code was more satisfying for me, personally, because he would ask questions that got me to think about what I already knew, and how that could apply to my problems. He pushed me to take away complexity, which ultimately meant that I learned ways of thinking and questions to ask myself that were reusable in future labs and applicable to other problems. Some of the other TAs, I found, struggled to help without giving away the answer - I thought he found a balance very effectively.

- Very very condescending and unhelpful. TAs should be there to help and encourage not laugh and confuse students in OH.

Title: **Fall 2016 COMS Final Evaluation**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**
Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**
Responses: **124/254 - 48.82%**
Number of Participants: **254**
Enrollment of All Students: **254**

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

1 Overall Quality — N=20

#		Count	
1	Poor	**0** (0%)	
2	Fair	**0** (0%)	
3	Good	**0** (0%)	
4	Very Good	**1** (5%)	
5	Excellent	**19** (95%)	

Median **5**   Interpolated Median **4.97** Mean **4.95** Std Dev **0.22**

2 Knowledgeability — N=20

#		Count	
1	Poor	**0** (0%)	
2	Fair	**0** (0%)	
3	Good	**0** (0%)	
4	Very Good	**1** (5%)	
5	Excellent	**19** (95%)	

Median **5**   Interpolated Median **4.97** Mean **4.95** Std Dev **0.22**

3 Approachability — N=20

#		Count	
1	Poor	**0** (0%)	
2	Fair	**0** (0%)	
3	Good	**0** (0%)	
4	Very Good	**0** (0%)	
5	Excellent	**20** (100%)	

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

4 Availability — N=20

#		Count	
1	Poor	**0** (0%)	
2	Fair	**0** (0%)	
3	Good	**0** (0%)	
4	Very Good	**0** (0%)	
5	Excellent	**20** (100%)	

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

5 Communication — N=20

#		Count	
1	Poor	**0** (0%)	
2	Fair	**0** (0%)	
3	Good	**0** (0%)	
4	Very Good	**1** (5%)	
5	Excellent	**19** (95%)	

Median **5**   Interpolated Median **4.97** Mean **4.95** Std Dev **0.22**

6 Does this TA communicate effectively in english? — N=20

#		Count	
1	Yes	**20** (100%)	
2	No	**0** (0%)	
3	N/A	**0** (0%)	

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

Title: **Fall 2016 COMS Final Evaluation**   Dates: **12/05/2016 - 12/12/2016**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**   Responses: **124/254 - 48.82%**

Instructors: **Jae W Lee**   Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

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

Q1 Comments

- I never went to the TAs

- Dan is one of the best TAs I've had at Columbia. He was genuinely invested in his students' education and gladly re-explained concepts that I didn't understand from lecture. I felt comfortable approaching him and always left his OH feeling more confident than when I entered. He found a great balance between steering me towards the answer without giving too much away. If there's a departmental award for best TA, Dan completely deserves it.

- Helpful and work efficiently.

- what doesnt he know?! A sick programmer and steadfast work ethic.

- TBH I never talked to any TAs, but Dan graded my hw the most and I trust him.

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses: **124/254 - 48.82%**

Number of Participants: **254**

Enrollment of All Students: **254**

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

1 Overall Quality   N=9

1	Poor		**1** (11%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**8** (89%)

Median **5**   Interpolated Median **4.94** Mean **4.56** Std Dev **1.33**

2 Knowledgeability   N=9

1	Poor		**1** (11%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (11%)
5	Excellent		**7** (78%)

Median **5**   Interpolated Median **4.86** Mean **4.44** Std Dev **1.33**

3 Approachability   N=9

1	Poor		**1** (11%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**8** (89%)
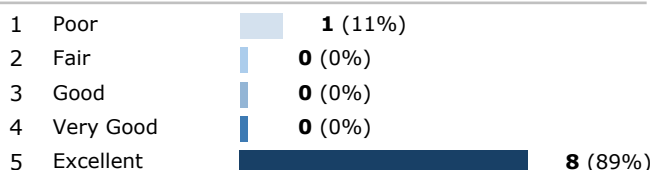
Median **5**   Interpolated Median **4.94** Mean **4.56** Std Dev **1.33**

4 Availability   N=9

1	Poor		**0** (0%)
2	Fair		**1** (11%)
3	Good		**0** (0%)
4	Very Good		**1** (11%)
5	Excellent		**7** (78%)
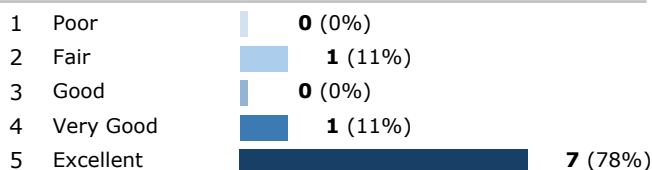
Median **5**   Interpolated Median **4.86** Mean **4.56** Std Dev **1.01**

5 Communication   N=9
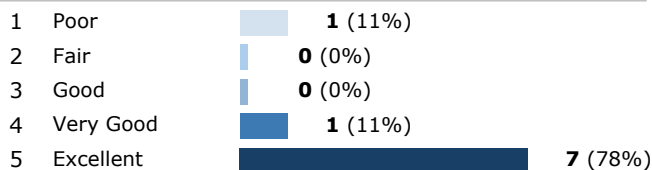
1	Poor		**1** (11%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (11%)
5	Excellent		**7** (78%)

Median **5**   Interpolated Median **4.86** Mean **4.44** Std Dev **1.33**

6 Does this TA communicate effectively in english?   N=9

1	Yes		**9** (100%)
2	No		**0** (0%)
3	N/A		**0** (0%)

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

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

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

Q1 Comments

- superb TA and person. Her love for the subject shows when she talks to us and because of that, her help is always precise and excellent.

Title: Fall 2016 COMS Final Evaluation   Dates: **12/05/2016 - 12/12/2016**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**   Responses**: 124/254 - 48.82%**
Instructors: **Jae W Lee**   Number of Participants: **254**
Enrollment of All Students: **254**

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

1 Overall Quality   N=22

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**22** (100%)

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

2 Knowledgeability   N=22

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**22** (100%)

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

3 Approachability   N=22

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**22** (100%)

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

4 Availability   N=22

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (5%)
4	Very Good		**2** (9%)
5	Excellent		**19** (86%)

Median **5**   Interpolated Median **4.92** Mean **4.82** Std Dev **0.50**

5 Communication   N=22

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**22** (100%)

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

6 Does this TA communicate effectively in english?   N=22

1	Yes		**22** (100%)
2	No		**0** (0%)
3	N/A		**0** (0%)

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

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

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

Q1 **Comments**

- Extremely Helpful

- Gary is really helpful and articulate and knowledgeable! I really appreciate his clear explanation and dedication to individual students during his OH. Lowkey really wanted to get to know him outside of class and be friends but thought it'd be inappropriate...

- excellent TA and super genuine

- Thanks Gary for being super helpful at clarifying concepts and answering questions at office hours!

- Gary was super approachable and always willing to spend time on problems I had that seemed to be unsolvable and in general taught me a lot and steered me in the right direction without saying too much.

- Gary was a champ and helped me survive this class.

- Gary was a great TA. Very knowledgable and helpful.

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Number of Participants: **254**

Enrollment of All Students: **254**

TA Graph Report for: **JiaYan Hu**

1 Overall Quality   N=4

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (25%)
4	Very Good	**2** (50%)
5	Excellent	**1** (25%)

Median **4**   Interpolated Median **4.00** Mean **4.00** Std Dev **0.82**

2 Knowledgeability   N=4

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (25%)
4	Very Good	**2** (50%)
5	Excellent	**1** (25%)

Median **4**   Interpolated Median **4.00** Mean **4.00** Std Dev **0.82**

3 Approachability   N=4

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (25%)
4	Very Good	**2** (50%)
5	Excellent	**1** (25%)

Median **4**   Interpolated Median **4.00** Mean **4.00** Std Dev **0.82**

4 Availability   N=4

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (25%)
4	Very Good	**2** (50%)
5	Excellent	**1** (25%)

Median **4**   Interpolated Median **4.00** Mean **4.00** Std Dev **0.82**

5 Communication   N=4

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (25%)
4	Very Good	**1** (25%)
5	Excellent	**2** (50%)

Median **4.5** Interpolated Median **4.50** Mean **4.25** Std Dev **0.96**

6 Does this TA communicate effectively in english?   N=4

1	Yes	**4** (100%)
2	No	**0** (0%)
3	N/A	**0** (0%)

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

CourseWorks@Columbia

Program Evaluation System

Title: **Fall 2016 COMS Final Evaluation**   Dates: **12/05/2016 - 12/12/2016**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**   Responses**: 124/254 - 48.82%**

Instructors: **Jae W Lee**   Enrollment of Registered Students:**254**

                                                             Enrollment of All Students:**254**

TA Comments Report for: **JiaYan Hu**

Q1

-

Title: **Fall 2016 COMS Final Evaluation**　　　　Dates: **12/05/2016 - 12/12/2016**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**　　Responses: **124/254 - 48.82%**

Instructors: **Jae W Lee**　　　　　　　　　　　　Number of Participants: **254**

Enrollment of All Students: **254**

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

1　Overall Quality　　　　　　　　　　N=11

1	Poor		**1** (9%)
2	Fair		**0** (0%)
3	Good		**1** (9%)
4	Very Good		**1** (9%)
5	Excellent		**8** (73%)

Median **5**　Interpolated Median **4.81** Mean **4.36** Std Dev **1.29**

2　Knowledgeability　　　　　　　　　N=11

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

Median **5**　Interpolated Median **4.71** Mean **4.27** Std Dev **1.27**

3　Approachability　　　　　　　　　N=11

1	Poor		**1** (9%)
2	Fair		**0** (0%)
3	Good		**1** (9%)
4	Very Good		**2** (18%)
5	Excellent		**7** (64%)
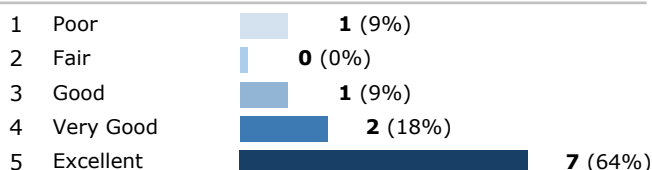
Median **5**　Interpolated Median **4.71** Mean **4.27** Std Dev **1.27**

4　Availability　　　　　　　　　　N=11

1	Poor		**1** (9%)
2	Fair		**0** (0%)
3	Good		**1** (9%)
4	Very Good		**3** (27%)
5	Excellent		**6** (55%)
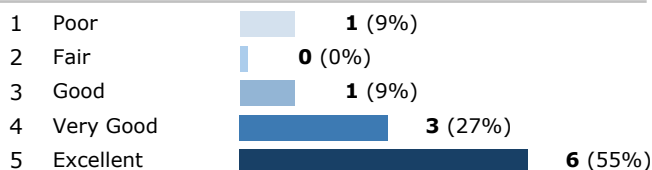
Median **5**　Interpolated Median **4.58** Mean **4.18** Std Dev **1.25**

5　Communication　　　　　　　　　N=11
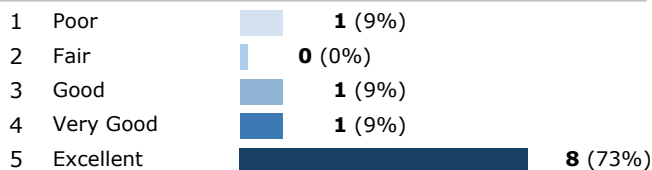
1	Poor		**1** (9%)
2	Fair		**0** (0%)
3	Good		**1** (9%)
4	Very Good		**1** (9%)
5	Excellent		**8** (73%)

Median **5**　Interpolated Median **4.81** Mean **4.36** Std Dev **1.29**

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

1	Yes		**10** (91%)
2	No		**1** (9%)
3	N/A		**0** (0%)

Median **1**　Interpolated Median **1.05**

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

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

Q1 **Comments**

- Super nice and clear when explaining things.

- Amazingly patient and understanding.

Title: **Fall 2016 COMS Final Evaluation**   Dates: **12/05/2016 - 12/12/2016**
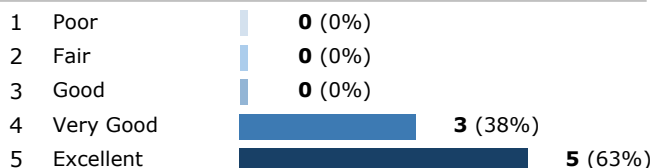Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**   Responses: **124/254 - 48.82%**
Instructors: **Jae W Lee**   Number of Participants: **254**
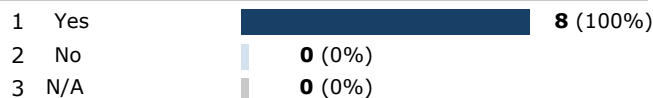Enrollment of All Students: **254**

TA Graph Report for: **John Zhuang Hui**
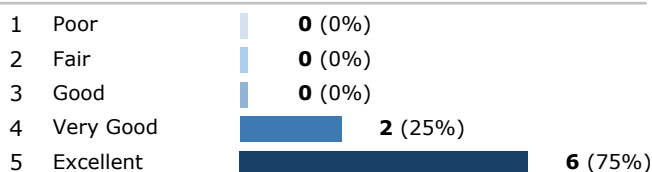
1 Overall Quality   N=20

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**3** (15%)
5	Excellent		**17** (85%)

Median **5**   Interpolated Median **4.91** Mean **4.85** Std Dev **0.37**

2 Knowledgeability   N=20

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**2** (10%)
5	Excellent		**18** (90%)

Median **5**   Interpolated Median **4.94** Mean **4.90** Std Dev **0.31**

3 Approachability   N=20

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**2** (10%)
5	Excellent		**18** (90%)

Median **5**   Interpolated Median **4.94** Mean **4.90** Std Dev **0.31**

4 Availability   N=20

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**3** (15%)
5	Excellent		**17** (85%)

Median **5**   Interpolated Median **4.91** Mean **4.85** Std Dev **0.37**

5 Communication   N=20

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**3** (15%)
5	Excellent		**17** (85%)

Median **5**   Interpolated Median **4.91** Mean **4.85** Std Dev **0.37**

### 6 Does this TA communicate effectively in english?   N=20

1	Yes		**19** (95%)
2	No		**0** (0%)
3	N/A		**1** (5%)

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

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses: **124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

TA Comments Report for: **John Zhuang Hui**

Q1 Comments

- John is literally a genius. He's a masterful debugger and great teacher.

- John is always willing to help, and he has good knowledge of the material.

- Extremely Knowledgeable

- Great great TA!

Title: **Fall 2016 COMS Final Evaluation**

Dates: **12/05/2016 - 12/12/2016**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Responses**: 124/254 - 48.82%**

Instructors: **Jae W Lee**

Number of Participants: **254**

Enrollment of All Students: **254**

TA Graph Report for: **Kai-Zhan Lee**

1 Overall Quality   N=24

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**2** (8%)
4	Very Good		**4** (17%)
5	Excellent		**18** (75%)

Median **5**   Interpolated Median **4.83** Mean **4.67** Std Dev **0.64**

2 Knowledgeability   N=24

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (4%)
4	Very Good		**2** (8%)
5	Excellent		**21** (88%)

Median **5**   Interpolated Median **4.93** Mean **4.83** Std Dev **0.48**

3 Approachability   N=24

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (4%)
4	Very Good		**4** (17%)
5	Excellent		**19** (79%)

Median **5**   Interpolated Median **4.87** Mean **4.75** Std Dev **0.53**

4 Availability   N=24

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**3** (13%)
4	Very Good		**2** (8%)
5	Excellent		**19** (79%)

Median **5**   Interpolated Median **4.87** Mean **4.67** Std Dev **0.70**

5 Communication   N=24

1	Poor		**0** (0%)
2	Fair		**1** (4%)
3	Good		**2** (8%)
4	Very Good		**4** (17%)
5	Excellent		**17** (71%)

Median **5**   Interpolated Median **4.79** Mean **4.54** Std Dev **0.83**

6 Does this TA communicate effectively in english?   N=24

1	Yes		**24** (100%)
2	No		**0** (0%)
3	N/A		**0** (0%)

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

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

TA Comments Report for: **Kai-Zhan Lee**

Q1 Comments

- Always worked hard to explain the material and stayed after hours!

- Could explain more concisely.

- So friendly and happy, and always willing to help, even if it isn't office hours!

- Kai-Zhan did an incredible job explaining things to me while making me think and not give away the answer.

- Extremely helpful and knowledgeable but can occasionally rub off as overbearing and condescending. Still an extremely bright kid though.

Title: **Fall 2016 COMS Final Evaluation**   Dates: **12/05/2016 - 12/12/2016**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**   Responses: **124/254 - 48.82%**
Instructors: **Jae W Lee**   Number of Participants: **254**
Enrollment of All Students: **254**

TA Graph Report for: **Kevin Chen**

1 Overall Quality   N=44

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (2%)
4	Very Good		**6** (14%)
5	Excellent		**37** (84%)

Median **5**   Interpolated Median **4.91** Mean **4.82** Std Dev **0.45**

2 Knowledgeability   N=44

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (2%)
4	Very Good		**5** (11%)
5	Excellent		**38** (86%)

Median **5**   Interpolated Median **4.92** Mean **4.84** Std Dev **0.43**

3 Approachability   N=44

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**3** (7%)
4	Very Good		**6** (14%)
5	Excellent		**35** (80%)

Median **5**   Interpolated Median **4.87** Mean **4.73** Std Dev **0.59**

4 Availability   N=44

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**3** (7%)
4	Very Good		**5** (11%)
5	Excellent		**36** (82%)

Median **5**   Interpolated Median **4.89** Mean **4.75** Std Dev **0.58**

5 Communication   N=44

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (2%)
4	Very Good		**5** (11%)
5	Excellent		**38** (86%)

Median **5**   Interpolated Median **4.92** Mean **4.84** Std Dev **0.43**

6 Does this TA communicate effectively in english?   N=44

1	Yes		**43** (98%)
2	No		**0** (0%)
3	N/A		**1** (2%)

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

Title: **Fall 2016 COMS Final Evaluation**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**
Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**
Responses**: 124/254 - 48.82%**
Enrollment of Registered Students:**254**
Enrollment of All Students:**254**

TA Comments Report for: **Kevin Chen**

Q1 Comments

- Never interacted much with TAs

- Kevin is awesome, and a smart individual. His love for CS and computers shows (and for the class for that matter). His emails and responses on the list serv were helpful and talking to him in person shows how precise and accurate his knowledge about C, C++, and programming really is.

- TA's in general were incredibly helpful. The recitations Kevin lead were particularly helpful for me.

- Thanks to Kevin for answering listserv questions promptly and clearly!
  Also thanks for that special hint that the second midterm would be harder than the first /s

- Kevin is sweet and very insightful. He was often the first TA to respond to listserv questions. Also his voice is like butter lol.

- Kevin was also an awesome TA!!!

- A cute, nice and genius TA

- I really enjoyed all the APs TA and as a Data Structures TA, I can definitely say they are my TA goals!

- Great TA. Super patient and helpful.

- Kevin did a really great job helping navigate my way through some of the hardest labs without giving anything away

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Number of Participants: **254**

Enrollment of All Students: **254**

TA Graph Report for: **Lucas Vaughn Schuermann**

1 Overall Quality   N=8

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**3** (38%)
5	Excellent	**5** (63%)

Median **5**   Interpolated Median **4.70** Mean **4.63** Std Dev **0.52**

2 Knowledgeability   N=8

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**2** (25%)
5	Excellent	**6** (75%)

Median **5**   Interpolated Median **4.83** Mean **4.75** Std Dev **0.46**

3 Approachability   N=8

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (13%)
4	Very Good	**2** (25%)
5	Excellent	**5** (63%)
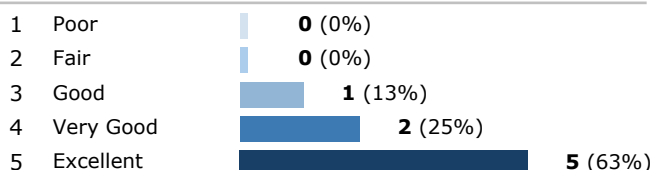
Median **5**   Interpolated Median **4.70** Mean **4.50** Std Dev **0.76**

4 Availability   N=8

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**4** (50%)
5	Excellent	**4** (50%)
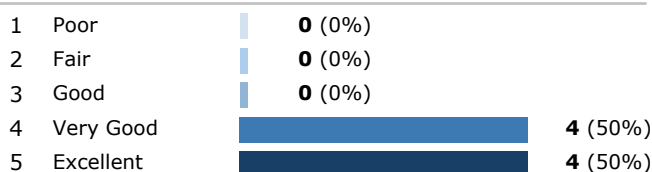
Median **4.5** Interpolated Median **4.50** Mean **4.50** Std Dev **0.53**

5 Communication   N=8
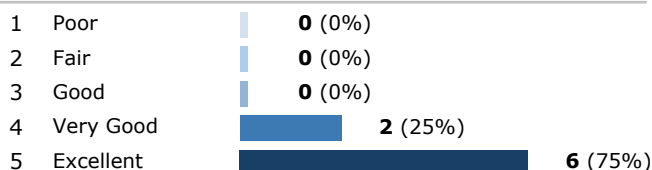
1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**2** (25%)
5	Excellent	**6** (75%)

Median **5**   Interpolated Median **4.83** Mean **4.75** Std Dev **0.46**

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

1	Yes	**8** (100%)
2	No	**0** (0%)
3	N/A	**0** (0%)

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

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

TA Comments Report for: **Lucas Vaughn Schuermann**

Q1 Comments

- Very helpful.

- Lucas was helpful.

- brilliant and super helpful. One of the best TAs ive had

Title: **Fall 2016 COMS Final Evaluation**   Dates: **12/05/2016 - 12/12/2016**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**   Responses**: 124/254 - 48.82%**
Instructors: **Jae W Lee**   Number of Participants: **254**
                                                          Enrollment of All Students: **254**

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

1	**Overall Quality**		**N=2**
1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (50%)
5	Excellent		**1** (50%)

Median **4.5** Interpolated Median **4.50** Mean **4.50** Std Dev **0.71**

2	**Knowledgeability**		**N=2**
1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (50%)
5	Excellent		**1** (50%)

Median **4.5** Interpolated Median **4.50** Mean **4.50** Std Dev **0.71**

3	**Approachability**		**N=2**
1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (50%)
5	Excellent		**1** (50%)

Median **4.5** Interpolated Median **4.50** Mean **4.50** Std Dev **0.71**

4	**Availability**		**N=2**
1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**2** (100%)

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

5	**Communication**		**N=2**
1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**2** (100%)

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

6	**Does this TA communicate effectively in english?**		**N=2**
1	Yes		**2** (100%)
2	No		**0** (0%)
3	N/A		**0** (0%)

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

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

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

Q1

-

Title: **Fall 2016 COMS Final Evaluation** Dates: **12/05/2016 - 12/12/2016**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING** Responses: **124/254 - 48.82%**

Instructors: **Jae W Lee** Number of Participants: **254**

Enrollment of All Students: **254**

TA Graph Report for: **Andy Lianghua Xu**

1 Overall Quality N=8

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**1** (13%)
5	Excellent		**7** (88%)

Median **5** Interpolated Median **4.93** Mean **4.88** Std Dev **0.35**

2 Knowledgeability N=8

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**2** (25%)
5	Excellent		**6** (75%)

Median **5** Interpolated Median **4.83** Mean **4.75** Std Dev **0.46**

3 Approachability N=8

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**8** (100%)

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

4 Availability N=8

1	Poor		**0** (0%)
2	Fair		**1** (13%)
3	Good		**0** (0%)
4	Very Good		**0** (0%)
5	Excellent		**7** (88%)

Median **5** Interpolated Median **4.93** Mean **4.63** Std Dev **1.06**

5 Communication N=8

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**0** (0%)
4	Very Good		**2** (25%)
5	Excellent		**6** (75%)

Median **5** Interpolated Median **4.83** Mean **4.75** Std Dev **0.46**

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

1	Yes		**8** (100%)
2	No		**0** (0%)
3	N/A		**0** (0%)

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

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

TA Comments Report for: **Andy Lianghua Xu**

Q1 Comments

- Always try to help you.

- Andy's been super clear in explanations and very much available.

Title: **Fall 2016 COMS Final Evaluation**
Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**
Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**
Responses: **124/254 - 48.82%**
Number of Participants: **254**
Enrollment of All Students: **254**

TA Graph Report for: **Michael Christopher Tong**

1   Overall Quality   N=5

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (20%)
4	Very Good		**0** (0%)
5	Excellent		**4** (80%)

Median **5**   Interpolated Median **4.88** Mean **4.60** Std Dev **0.89**

2   Knowledgeability   N=5

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (20%)
4	Very Good		**0** (0%)
5	Excellent		**4** (80%)

Median **5**   Interpolated Median **4.88** Mean **4.60** Std Dev **0.89**

3   Approachability   N=5

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (20%)
4	Very Good		**0** (0%)
5	Excellent		**4** (80%)

Median **5**   Interpolated Median **4.88** Mean **4.60** Std Dev **0.89**

4   Availability   N=5

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (20%)
4	Very Good		**0** (0%)
5	Excellent		**4** (80%)

Median **5**   Interpolated Median **4.88** Mean **4.60** Std Dev **0.89**

5   Communication   N=5

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (20%)
4	Very Good		**0** (0%)
5	Excellent		**4** (80%)

Median **5**   Interpolated Median **4.88** Mean **4.60** Std Dev **0.89**

6   Does this TA communicate effectively in english?   N=5

1	Yes		**5** (100%)
2	No		**0** (0%)
3	N/A		**0** (0%)

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

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

TA Comments Report for: **Michael Christopher Tong**

Q1 **Comments**

- awesome guy and can pinpoint your problems pretty well

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Number of Participants: **254**

Enrollment of All Students: **254**

TA Graph Report for: **Hidy Han**

1   Overall Quality   N=14

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (7%)
4	Very Good		**2** (14%)
5	Excellent		**11** (79%)

Median **5**   Interpolated Median **4.86** Mean **4.71** Std Dev **0.61**

2   Knowledgeability   N=14

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (7%)
4	Very Good		**4** (29%)
5	Excellent		**9** (64%)

Median **5**   Interpolated Median **4.72** Mean **4.57** Std Dev **0.65**

3   Approachability   N=14

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (7%)
4	Very Good		**3** (21%)
5	Excellent		**10** (71%)

Median **5**   Interpolated Median **4.80** Mean **4.64** Std Dev **0.63**

4   Availability   N=14

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (7%)
4	Very Good		**3** (21%)
5	Excellent		**10** (71%)

Median **5**   Interpolated Median **4.80** Mean **4.64** Std Dev **0.63**

5   Communication   N=14

1	Poor		**0** (0%)
2	Fair		**0** (0%)
3	Good		**1** (7%)
4	Very Good		**3** (21%)
5	Excellent		**10** (71%)

Median **5**   Interpolated Median **4.80** Mean **4.64** Std Dev **0.63**

6   Does this TA communicate effectively in english?   N=14

1	Yes		**13** (93%)
2	No		**0** (0%)
3	N/A		**1** (7%)

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

Title: **Fall 2016 COMS Final Evaluation**

Course: **COMSW3157_001_2016_3 / ADVANCED PROGRAMMING**

Instructors: **Jae W Lee**

Dates: **12/05/2016 - 12/12/2016**

Responses**: 124/254 - 48.82%**

Enrollment of Registered Students:**254**

Enrollment of All Students:**254**

TA Comments Report for: **Hidy Han**

Q1 Comments

- Hidy was patient and helpful.

- A very pleasant And knowledgeable TA!