Title: Spring 2016 COMS Final Evaluation
Course: **COMSW4118_001_2016_1/OPERATING SYSTEMS I**
Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**
Responses**: 74/136 - 54.41%**
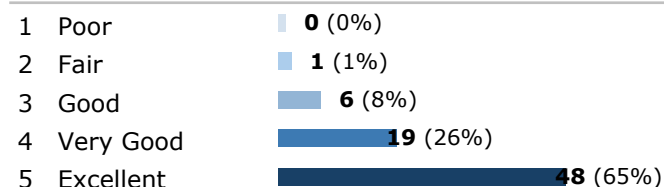Number of Participants: **136**
Enrollment of All Students: **136**

Graph Course Questions

1 Course: Amount Learned — N=74
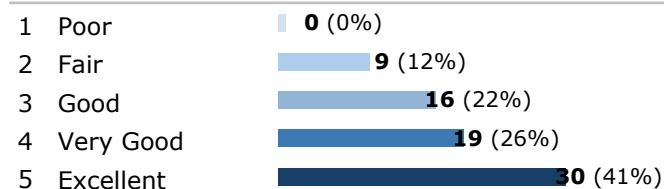
1	Poor	**0** (0%)
2	Fair	**1** (1%)
3	Good	**6** (8%)
4	Very Good	**19** (26%)
5	Excellent	**48** (65%)

Median **5** Interpolated Median **4.73** Mean **4.54** Std Dev **0.71**

2 Course: Appropriateness of Workload — N=74

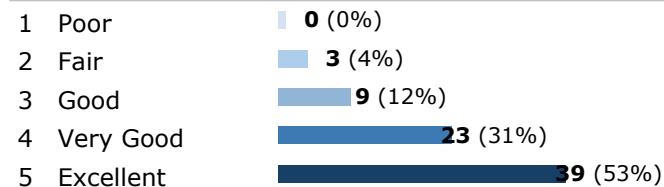|		
1	Poor	**4** (5%)
2	Fair	**12** (16%)
3	Good	**12** (16%)
4	Very Good	**22** (30%)
5	Excellent	**24** (32%)
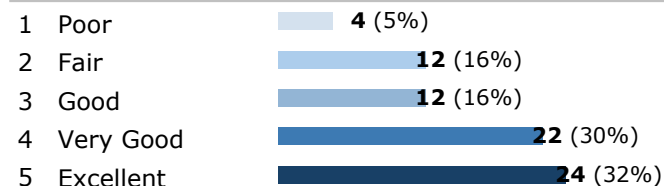
Median **4** Interpolated Median **3.91** Mean **3.68** Std Dev **1.24**

3 Course: Fairness of Grading Process — N=74

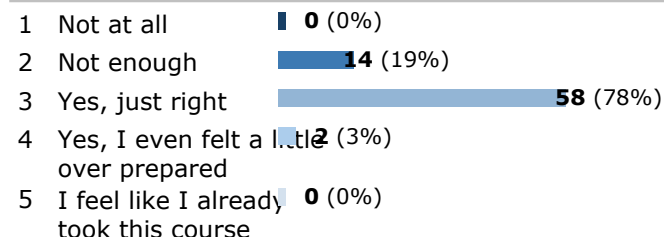|		
1	Poor	**0** (0%)
2	Fair	**9** (12%)
3	Good	**16** (22%)
4	Very Good	**19** (26%)
5	Excellent	**30** (41%)

Median **4** Interpolated Median **4.13** Mean **3.95** Std Dev **1.06**

4 Course: Overall Quality — N=74

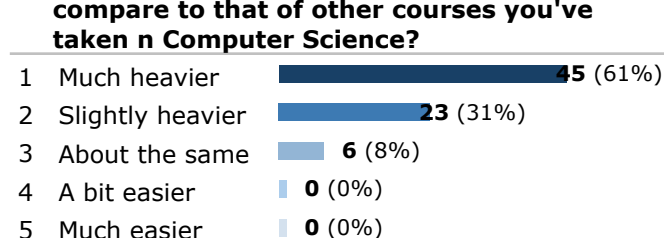|		
1	Poor	**0** (0%)
2	Fair	**3** (4%)
3	Good	**9** (12%)
4	Very Good	**23** (31%)
5	Excellent	**39** (53%)

Median **5** Interpolated Median **4.55** Mean **4.32** Std Dev **0.85**

5 Do you feel that the pre-requisites for this course adequately prepared you for the course? — N=74

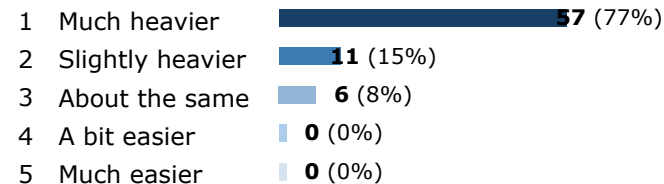|		
1	Not at all	**0** (0%)
2	Not enough	**14** (19%)
3	Yes, just right	**58** (78%)
4	Yes, I even felt a little over prepared	**2** (3%)
5	I feel like I already took this course	**0** (0%)

Median **3** Interpolated Median **2.90** Mean **2.84** Std Dev **0.44**

6 How did the workload of this course compare to that of other courses you've taken n Computer Science? — N=74

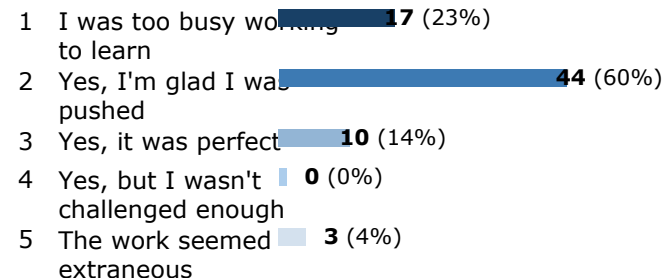|		
1	Much heavier	**45** (61%)
2	Slightly heavier	**23** (31%)
3	About the same	**6** (8%)
4	A bit easier	**0** (0%)
5	Much easier	**0** (0%)

Median **1** Interpolated Median **1.32** Mean **1.47** Std Dev **0.65**

7 How did the workload of this course compare to that of other courses you've taken in other departments? — N=74

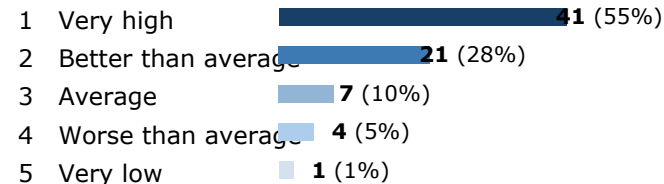|		
1	Much heavier	**57** (77%)
2	Slightly heavier	**11** (15%)
3	About the same	**6** (8%)
4	A bit easier	**0** (0%)
5	Much easier	**0** (0%)

Median **1** Interpolated Median **1.15** Mean **1.31** Std Dev **0.62**

8 Do you feel that the workload of this course helped you learn the material well? — N=74

1	I was too busy working to learn	**17** (23%)
2	Yes, I'm glad I was pushed	**44** (60%)
3	Yes, it was perfect	**10** (14%)
4	Yes, but I wasn't challenged enough	**0** (0%)
5	The work seemed extraneous	**3** (4%)

Median **2** Interpolated Median **1.95** Mean **2.03** Std Dev **0.86**

9 Of all the CS courses you have taken, how does this course rank? — N=74

1	Very high	**41** (55%)
2	Better than average	**21** (28%)
3	Average	**7** (10%)
4	Worse than average	**4** (5%)
5	Very low	**1** (1%)

Median **1** Interpolated Median **1.40** Mean **1.69** Std Dev **0.95**

CourseWorks@Columbia

Program Evaluation System

Title: **Spring 2016 COMS Final Evaluation**

Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**

Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**

Responses**: 74/136 - 54.41%**

Enrollment of Registered Students:**136**

Enrollment of All Students:**136**

Comments Course Questions

Q1 **Enter any additional comments here**

- It is too much information. I feel like I would have learned more if not so much was covered. Maybe have more smaller assignments and have a set homework schedule. We could have a smaller assignment each week for two weeks then have one week off. No matter what, most of us going to procrastinate but having smaller assignments makes it more likely for us to procrastinate and still be able to learn the material and finish assignments on time. Additionally, I wish the lectures were more involved. Perhaps call on people randomly to answer questions. Especially if a class is in the morning, it would be nice if the lectures were motor lively. I overall feel that I learned more in AP but I don't know if it is because of the differences in courses or me being a poor student in OS

- The lecture hall lighting was terrible and contributed to a lot of my drowsiness in the morning.

- Some assignments were too vaguely worded (I know the point is to figure things out ourselves, but sometimes different interpretations didn't work out so well). I think the last couple of assignments were too close together, especially given that other classes have a lot of assignments due at the end of the year as well. The amount of time I put into this course was insane, but I'm really glad I took this class and definitely learned a lot.

- Lectures did not help much with the homework. Would have liked to spend less time in user space.

- The grading is too rigid.

- This course was appropriately difficult but expectations were sometimes unclear. For instance, despite passing the tests specified in the assignment, my code lost lots of points for failing to pass additional tests the TA's subjected it to while grading. I would have preferred to have access to these tests while developing so that I could have built a more robust application and learned more in the process. It would have been a better experience.

- Awesome class if you want to learn the most amount of knowledge you can fit in your brain. AWESOME

- The workload for this class in unreasonable, it is way to heavy for a class that is only worth 3 credits. The tests didn't focus on the material we spent the most time on, they were kind of obscure and focused on minute details.

- I think the AP_extention part is a little bit too much, eg, hw3, it's too tedious.
  The first two months are a little bit too relaxing,which in return make the last month like hell.
  I prefer jae using notes so I can print it out the day before class and make notes on it directly.

  And 8:40 is really too early...

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Enrollment of All Students:**136**

Comments Course Questions

- I thought AP was challenging but I completed the course and looking back no longer find the concepts hard. I might just be mediocre at coding but this course was TOO challenging for me. I did all the readings and went to lecture, but like many CS classes, lecture wasn't too hard to understand. The challenge was translating from that lecture to the assignments.

- I really, really liked how Jae went over advanced Unix programming for the first third of the semester. I don't know any other class that teaches it and I personally think that material is more interesting/applicable/useful than straight OS topics. I know some people say "Jae isn't a good OS prof because he teaches Unix programming first," but personally, that's why I *wanted* to take OS with him. I'm probably never going to hack the kernel in my future career, but will I use mmap and select? most probably. Even if I don't, knowing what they are has exponentially improved my ability to understand how programming works in general.
  I know this is going to sound like whining, but I'd like to talk about HW7. I heard from a TA that we were given vague instructions *on purpose* rather than by accident/oversight. Sure, that's fine - reading through kernel code is a valuable skill somewhere. However, what I found (almost) unacceptable was the dearth of DEBUGGING TOOLS available to us as kernel hackers. My group reached a point where the kernel wasn't booting and using the tools the TAs pointed us to were impossible at that point. Did Jae/the TAs purposefully not tell us about debugging tools such as trace_printk and the VM COM PORT? I don't think it's fair for us to find these super-duper-valuable tools that are 120% ESSENTIAL to completing the assignment through the list-serve. Sure, trace_printk was mentioned early enough to be actually useful, but the first I heard about the VM Com Port was a few hours before the assignment was due. Why? That's like telling us to chop down a tree without giving us any sharp tools.
  I don't know about how Jae first learned all this kernel stuff, but it clearly wasn't through googling stuff -- Google has (finally) let me down in my programming career in this class. Imagine googling "debug kernel not booting". How. That will never get you the right place. I feel as though the only way to do that HW without proper debugging tools was to get it 100% right the first time you wrote it. And we're not magical code monkeys that do that. So please don't expect that from us

- One of the best courses I have taken at Columbia. The workload is heavier than average but that is well-advertised from the first lecture so you know what you're in for. On the plus side, none of the work felt like busy work - there was a direct connection between what you put in and what you get out of this course.

  Jae's teaching style is great - extremely well organized and to the point and he clearly puts a lot of thought and care into the assignments as well.

- I had some bad experience with the grading process. I felt there was lack of disclosure on how homeworks or exam regrade requests were handled. I wish there was more disclosure around that so students know the process is fair for everyone. I just want fairness across the board.

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Comments Course Questions

- One big drawback is the grading policy. The Professor demands strict submission format of homework. One can suffer very bad grade due to format discrepancy.

- Bit high number of assignments

- First half of the class was just AP 2: learning random functions like pipe, signal, etc. Don't think this was necessary, we can read the man pages. These aren't really the core components of OS. Yes, they're used...but I don't need 2 classes on signals...
There was a section on the midterm that was just "is this a system call". How does this test understanding of OS? It's more like "memorize the system call table with the 175+ system calls". It's not something you'd need to know when programming...you would just look it up and read the man pages. Test questions shouldn't be "regurgitate the man pages"; it should test understanding of OS concepts.
The last question on the final wasn't really something covered in class. We never talked about paging or what a stack overflow is. A stack buffer overflow can happen even if you're within the stack bounds, but move outside an allocated data structure.
HW6 was supposed to help us understand file systems, but instead it was just me copying ramfs from free electrons. I successfully completed the homework and still had no clue what a dentry actually was.
We don't learn the required concepts for the homework; we only generally covered the topic, especially true for HW7. I dug through the scheduler code for rt and fair schedulers and I couldn't even tell which parts were required and what wasn't.
Would have liked to learn about visualization - probably more than system calls for reading and writing...

  Jae is a very clear lecturer though. So what he does cover is explained well. He's also very friendly and approachable.

- Most of the time the workload was reasonable. But Assignment 7 was way over the top. There was not enough time given for the assignment, especially considering the last midterm was during that time period. And the fact that there was zero guidance given in the assignment and zero guidance given as to how to debug this assignment made it absurd. The little guidance on how to do this assignment might have been ok if any of the TAs knew actually knew how to debug the assignment when the kernel crashes. When the only effective debugging measure comes from a student a few hours before the assignment is due, that's unacceptable. This assignment was larger than every other assignment for the course, and more time should have been given to it because of that.

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Comments Course Questions

- I understand why it would be impossible to have individual assignments of the same scale, but that being said I would still like to voice an objection to having so many group projects. These were very large, difficult assignments that were difficult to split up (even considering that we were all responsible for all of the material), and adding the complications and inherent unfairness of working in a group didn't help.
  Also, I feel like we didn't have enough time for homework 7 specifically - it was notoriously difficult and we had barely more time for it than for its more straightforward counterpart, homework 6.

- The second half of operating systems course was great - we were able to explore the Linux kernel code and see how it's just another C program. That was very enlightening because it showed how there is nothing to be intimidated by. It's just code all the way down.

  I did not enjoy how long we spent in user space. I understand the practical aspects of learning concurrency - but, Columbia is not a trade school, and operating systems courses should teach operating systems. I think we could've understood locks, processes, and shared memory without writing a dozen web servers. In Jae's slides for the last class, the list of things we skipped is very telling.

- This course is known to be one of the hardest classes at Columbia, but I'm really happy I mustered up the courage to take it. I don't think my grade is going to be great, but the amount I learned makes it worth it. Kernel code does scare me anymore and I have a much deeper understanding the relationships between the bare machine, the kernel, and user space programs. Learning how to work with a group was also valuable to me. I did wish we had late days for homework though.

- Maybe the course can include more about git merge, branch and rebase in the git tutorial because there are so many group projects. We waste a lot of time learning git from google while organizing our project codes.

- The workload is extremely intense, my other classes suffered from the amount of time that was needed to put into this class.

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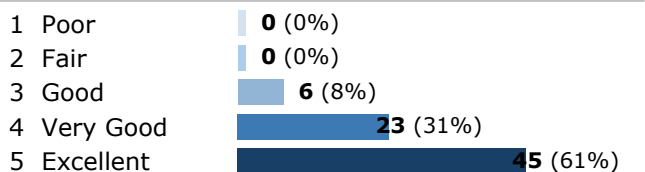
Number of Participants: **136**

Enrollment of All Students: **136**

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


1 Instructor: Organization and Preparation N=74

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**6** (8%)
4	Very Good	**23** (31%)
5	Excellent	**45** (61%)

Median **5**   Interpolated Median **4.68** Mean **4.53** Std Dev **0.65**

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2 Instructor: Classroom Delivery N=74

1	Poor	**0** (0%)
2	Fair	**3** (4%)
3	Good	**6** (8%)
4	Very Good	**20** (27%)
5	Excellent	**45** (61%)
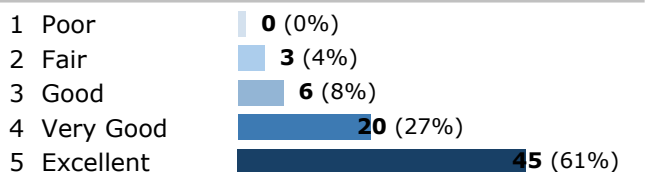
Median **5**   Interpolated Median **4.68** Mean **4.45** Std Dev **0.81**

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3 Instructor: Approachability N=74

1	Poor	**1** (1%)
2	Fair	**4** (5%)
3	Good	**8** (11%)
4	Very Good	**18** (24%)
5	Excellent	**43** (58%)
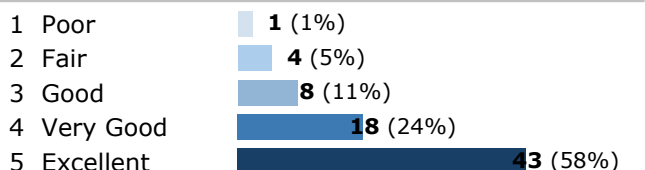
Median **5**   Interpolated Median **4.64** Mean **4.32** Std Dev **0.97**

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4 Instructor: Overall Quality N=74

1	Poor	**0** (0%)
2	Fair	**2** (3%)
3	Good	**8** (11%)
4	Very Good	**18** (24%)
5	Excellent	**46** (62%)
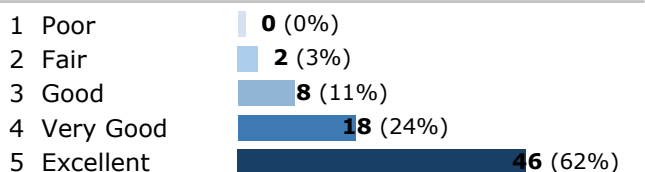
Median **5**   Interpolated Median **4.70** Mean **4.46** Std Dev **0.80**

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5 Would you nominate this professor for the SEAS Distinguished Faculty Award? N=74

1	Yes	**45** (61%)
2	No	**29** (39%)
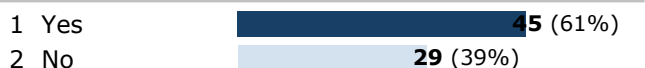
Median **1**   Interpolated Median **1.32**

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

Q1 **If so, please explain why**

- He's a very good lecturer. But even better, he structures his course nicely so that the topics flow well and connect to one another and the assignments are great for solidifying the theoretical knowledge.

- I'm not sure what Jae would do with another teaching award.

- Jae is hand-down the best professor I have had at this university. He's the only professor for whom I would take an 8:40 in my second semester of senior in the really shitty NoCo seats. He started OS with a lecture of 10 reasons not to take the class and assigns sometimes obscene amounts of homework, but it's all out of a very clear and genuine desire to see his students learn. I learned 2x more in this class than I did in any other class and I felt the same way about Advanced Programming two years ago with him. I know he won this award this year and I congratulated him; he deserves it again.

- Best lecturer ever.All the materials are on track. Professor Lee deeply thought about the teaching flow which is from outside of kernel to inside. And professor Lee's lectures are pretty demonstrative and clear. I can grab the big picture in the lecture.

- Jae is an amazing instructor and clearly cares about teaching students. The course is well organized, and for a huge topic, is very well curated. Not only is he great at delivering the lectures, the structure of the course and homeworks makes it clear that he has been very thoughtful in choosing what to teach and how to teach it.

- Made me toughen up, also the course is very well organized. I think my opinions on his teaching have changed since I took AP with him - I think his approach is fine.

- A great lecturer who really goes out of his way to ensure that students learn the concepts. He has really opened my eyes to the fascinating nature of systems programming, and it's an area I hope to go into in the future, primarily because of Jae.

- Jae is an excellent teacher. He's well prepared

- I don't really know, I just like the way jae teaches us, the way he constructs a course.

- Jae is an awesome professor and really cares about his students and their learning.

- I have learned more from Jae in the classes I have taken with him than many others combined. I don't really know how else to judge a professor except the knowledge you come in with compared with the knowledge you have acquired at the end of the semester. I am not sure there are many professors on the planet that know just the right balance to push students to learn and work at their maximum potential. Jae is that kind of leader. He truly cares and it shows.

- He cares about his students and inspires them to put effort into the class.

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

- Homework is super good design. It is inspiring. We learn a lot from it.

- Consistently quality lectures, cares about students without coddling.

- Quite easily the best class I've had so far at Columbia. Jae is an extremely tough, demanding instructor who challenges students to the maximum and brings out the best in them.

- As always, Jae is bae.

- He's pretty dope

- Excellent instructor

- Excellent lecturer, approachable, fun, well prepared, great homework assignments, etc

- The best instructor I have ever met, even though I know I will get a B or lower overall grade, I have to say he is excellent.

- Besides Jae's pedagogical prowess, he makes an active effort to ensure cheating does not occur in his classes. That alone would be enough to have him win any/all awards. I'm sick of Professors turning a blind eye and not disciplining the cheaters. As a student who makes time to complete the work on my own (and take the resulting points loss), I sincerely appreciate Jae's efforts in combating cheating. Thank you, Jae, for standing up to the lack of ethics that appears to be bit too common at our school. We admire you for that and much more.

- He manages a well-organized and well-taught course for a very large class size.

- Jae is the professor who really sparked my interest in computer science. After taking AP, I actually decided to take OS as a sophomore because of how much I learned from him. He goes out of his way to make sure his students learn as much as possible, and is extremely knowledgeable on the class material.

- Jae is really amazing. He is really knowledgeable and can answer just about any question. His grading is fair to an extreme and his classroom delivery is superb. He doesn't dumb anything down and the homeworks are not made too easy by classroom whining (of which there is none since Jae is that awesome).

- Jae is one of the best teachers I've had at Columbia. He's thorough and detailed, which is necessary for an engineering course with all of their intricacies.

- Great, passionate teacher. Clear grasp of the material, and amazing ability to transmit that knowledge. Lectures were clear and well designed. Homework required more than just rote following of instructions, but a real understanding of the subject mater, and a familiarity with the Linux kernel code. Exams were a soul rending reminder of my own mortality.

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

- Because I've learned a lot from them, especially they deliver many useful things beyond this course requirements. Also, they are very patient, and good at teaching.

- This is the second class I have taken with Jae. The first was advanced programming. Once again, his teaching has pushed me to be leaps better at programming than I was before I started the class.

- This instructor is aware that computer science consists of a series of abstractions which render its inner a series of inaccessible abstractions, and does excellent work in revealing what it is that makes each layer of a system work.

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Number of Participants: **135**
Enrollment of All Students: **135**

TA Graph Report for: **Akira Kris Baruah**

1 Overall Quality   N=21

1 Poor		**0** (0%)
2 Fair		**0** (0%)
3 Good		**1** (5%)
4 Very Good		**2** (10%)
5 Excellent		**18** (86%)

Median **5**   Interpolated Median **4.92** Mean **4.81** Std Dev **0.51**

2 Knowledgeability   N=21

1 Poor		**0** (0%)
2 Fair		**0** (0%)
3 Good		**0** (0%)
4 Very Good		**4** (19%)
5 Excellent		**17** (81%)

Median **5**   Interpolated Median **4.88** Mean **4.81** Std Dev **0.40**

3 Approachability   N=21

1 Poor		**0** (0%)
2 Fair		**0** (0%)
3 Good		**0** (0%)
4 Very Good		**3** (14%)
5 Excellent		**18** (86%)

Median **5**   Interpolated Median **4.92** Mean **4.86** Std Dev **0.36**

4 Availability   N=21

1 Poor		**0** (0%)
2 Fair		**0** (0%)
3 Good		**0** (0%)
4 Very Good		**4** (19%)
5 Excellent		**17** (81%)

Median **5**   Interpolated Median **4.88** Mean **4.81** Std Dev **0.40**

5 Communication   N=21

1 Poor		**0** (0%)
2 Fair		**0** (0%)
3 Good		**0** (0%)
4 Very Good		**4** (19%)
5 Excellent		**17** (81%)

Median **5**   Interpolated Median **4.88** Mean **4.81** Std Dev **0.40**

6 Does this TA communicate effectively in english?   N=21

1 Yes		**21** (100%)
2 No		**0** (0%)
3 N/A		**0** (0%)

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

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TA Comments Report for: **Akira Kris Baruah**

Q1 Comments

- Akira was very very helpful. Not only is he competent but he's willing to help as much as he can.

- He's great!

- Very helpful and friendly!

- u da man

- Helpful and not hesitant to discuss assignments conceptually, which really helped me move forward even when I didn't have a specific question.

- nice and approachable

Title: **Spring 2016 COMS Final Evaluation**
Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**
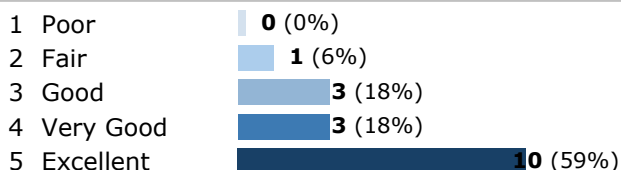Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**
Responses**: 74/135 - 54.81%**
Number of Participants: **135**
Enrollment of All Students: **135**

TA Graph Report for: **Amar Singh Dhingra**
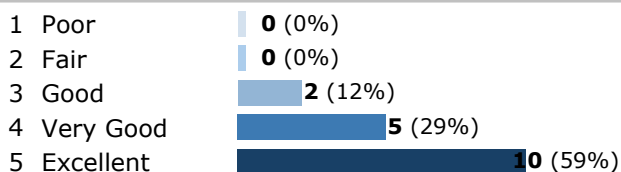
1 Overall Quality   N=17

1	Poor	**0** (0%)
2	Fair	**1** (6%)
3	Good	**3** (18%)
4	Very Good	**3** (18%)
5	Excellent	**10** (59%)

Median **5**   Interpolated Median **4.65** Mean **4.29** Std Dev **0.99**

2 Knowledgeability   N=17

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**2** (12%)
4	Very Good	**5** (29%)
5	Excellent	**10** (59%)

Median **5**   Interpolated Median **4.65** Mean **4.47** Std Dev **0.72**

3 Approachability   N=17

1	Poor	**1** (6%)
2	Fair	**1** (6%)
3	Good	**3** (18%)
4	Very Good	**2** (12%)
5	Excellent	**10** (59%)

Median **5**   Interpolated Median **4.65** Mean **4.12** Std Dev **1.27**

4 Availability   N=17

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**5** (29%)
4	Very Good	**2** (12%)
5	Excellent	**10** (59%)
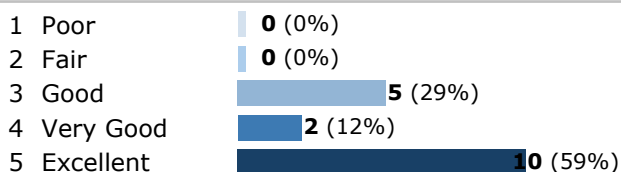
Median **5**   Interpolated Median **4.65** Mean **4.29** Std Dev **0.92**

5 Communication   N=17
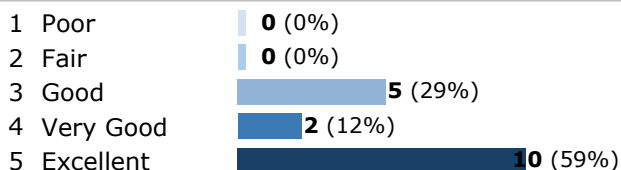
1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**5** (29%)
4	Very Good	**2** (12%)
5	Excellent	**10** (59%)

Median **5**   Interpolated Median **4.65** Mean **4.29** Std Dev **0.92**

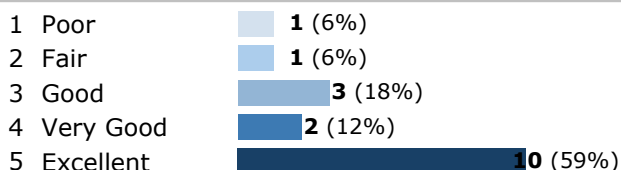### 6 Does this TA communicate effectively in english?   N=17

1	Yes	**16** (94%)
2	No	**0** (0%)
3	N/A	**1** (6%)

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

Title: **Spring 2016 COMS Final Evaluation**

Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**

Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**

Responses**: 74/135 - 54.81%**

Enrollment of Registered Students:**135**

Enrollment of All Students:**135**

TA Comments Report for: **Amar Singh Dhingra**

Q1 Comments

- This TA was a fine resource but unapproachable at times because he seemed to get frustrated easily.

- Appears indifferent with helping students. Sometimes would condescendingly refer you to search for answers online or the manpage.

Title: **Spring 2016 COMS Final Evaluation**

Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**

Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**

Responses**: 74/135 - 54.81%**

Number of Participants: **135**

Enrollment of All Students: **135**

TA Graph Report for: **Chaiwen Chou**

1 Overall Quality   N=39

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**2** (5%)
4	Very Good	**2** (5%)
5	Excellent	**35** (90%)

Median **5**   Interpolated Median **4.94** Mean **4.85** Std Dev **0.49**

2 Knowledgeability   N=39

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (3%)
4	Very Good	**2** (5%)
5	Excellent	**36** (92%)

Median **5**   Interpolated Median **4.96** Mean **4.90** Std Dev **0.38**

3 Approachability   N=39

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (3%)
4	Very Good	**3** (8%)
5	Excellent	**35** (90%)

Median **5**   Interpolated Median **4.94** Mean **4.87** Std Dev **0.41**

4 Availability   N=39

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (3%)
4	Very Good	**2** (5%)
5	Excellent	**36** (92%)

Median **5**   Interpolated Median **4.96** Mean **4.90** Std Dev **0.38**

5 Communication   N=39

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (3%)
4	Very Good	**3** (8%)
5	Excellent	**35** (90%)

Median **5**   Interpolated Median **4.94** Mean **4.87** Std Dev **0.41**

6 Does this TA communicate effectively in english?   N=39

1	Yes	**39** (100%)
2	No	**0** (0%)
3	N/A	**0** (0%)

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

Title: **Spring 2016 COMS Final Evaluation**

Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**

Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**

Responses: **74/135 - 54.81%**

Enrollment of Registered Students:**135**

Enrollment of All Students:**135**

TA Comments Report for: **Chaiwen Chou**

Q1 Comments

- Good TA, patient and nice.

- She's very responsible.

- gentle and patient

- Really helpful and knowledgeable. It was always a huge help to talk to Chaiwen.

- One of the best TAs I've seen at Columbia, knows the work involved inside out and extremely approachable!

- you are awesome, chicken

- knowledgeable and always will to help resolve out unusual bugs

Title: **Spring 2016 COMS Final Evaluation**
Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**
Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**
Responses**: 74/135 - 54.81%**
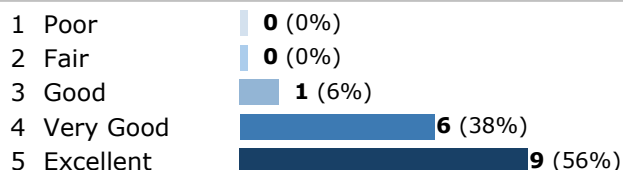Number of Participants: **135**
Enrollment of All Students: **135**

TA Graph Report for: **Emily Pakulski**

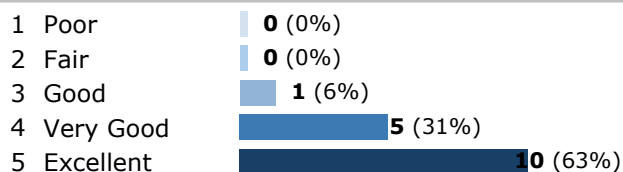### 1 Overall Quality   N=16

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (6%)
4	Very Good	**6** (38%)
5	Excellent	**9** (56%)

Median **5**   Interpolated Median **4.61** Mean **4.50** Std Dev **0.63**
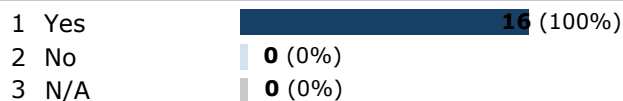
2 Knowledgeability   N=16

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (6%)
4	Very Good	**5** (31%)
5	Excellent	**10** (63%)

Median **5**   Interpolated Median **4.70** Mean **4.56** Std Dev **0.63**

3 Approachability   N=16

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**2** (13%)
4	Very Good	**4** (25%)
5	Excellent	**10** (63%)

Median **5**   Interpolated Median **4.70** Mean **4.50** Std Dev **0.73**

4 Availability   N=16

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**2** (13%)
4	Very Good	**4** (25%)
5	Excellent	**10** (63%)
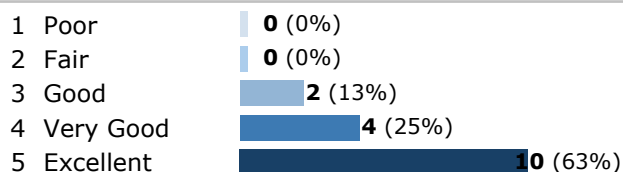
Median **5**   Interpolated Median **4.70** Mean **4.50** Std Dev **0.73**

5 Communication   N=16
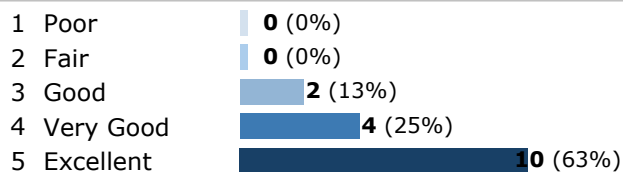
1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**2** (13%)
4	Very Good	**4** (25%)
5	Excellent	**10** (63%)

Median **5**   Interpolated Median **4.70** Mean **4.50** Std Dev **0.73**

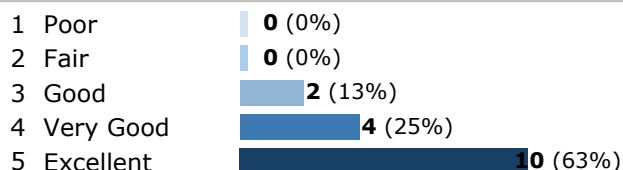### 6 Does this TA communicate effectively in english?   N=16

1	Yes	**16** (100%)
2	No	**0** (0%)
3	N/A	**0** (0%)

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

Title: **Spring 2016 COMS Final Evaluation**

Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**

Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**

Responses: **74/135 - 54.81%**

Enrollment of Registered Students:**135**

Enrollment of All Students:**135**

TA Comments Report for: **Emily Pakulski**

Q1 Comments

- She provided helpful information to the students over the listserv.

- Very chill! which is much appreciated in a very un-chill course.

- foo');DROP TABLE TUTORS; --

- Extremely helpful and very knowledgeable.

Title: **Spring 2016 COMS Final Evaluation**
Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**
Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**
Responses**: 74/135 - 54.81%**
Number of Participants: **135**
Enrollment of All Students: **135**

TA Graph Report for: **Mitchell Alan Gouzenko**

1 Overall Quality — N=10

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**2** (20%)
5	Excellent	**8** (80%)

Median **5** Interpolated Median **4.88** Mean **4.80** Std Dev **0.42**

2 Knowledgeability — N=10

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**2** (20%)
5	Excellent	**8** (80%)

Median **5** Interpolated Median **4.88** Mean **4.80** Std Dev **0.42**

3 Approachability — N=10

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**3** (30%)
5	Excellent	**7** (70%)

Median **5** Interpolated Median **4.79** Mean **4.70** Std Dev **0.48**

4 Availability — N=10

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**3** (30%)
5	Excellent	**7** (70%)

Median **5** Interpolated Median **4.79** Mean **4.70** Std Dev **0.48**

5 Communication — N=10

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**2** (20%)
5	Excellent	**8** (80%)

Median **5** Interpolated Median **4.88** Mean **4.80** Std Dev **0.42**

6 Does this TA communicate effectively in english? — N=10

1	Yes	**10** (100%)
2	No	**0** (0%)
3	N/A	**0** (0%)

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

Title: **Spring 2016 COMS Final Evaluation**

Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**

Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**

Responses: **74/135 - 54.81%**

Enrollment of Registered Students:**135**

Enrollment of All Students:**135**

TA Comments Report for: **Mitchell Alan Gouzenko**

Q1 Comments

- Best TA!

- Mitch was very helpful on the mailing list. Although he did not answer any of my questions directly, i learned a lot by reading his thousand-word replies to others' emails. He sees a question and distills an hour of research into an easy to follow description.

Title: **Spring 2016 COMS Final Evaluation**
Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**
Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**
Responses**: 74/135 - 54.81%**
Number of Participants: **135**
Enrollment of All Students: **135**

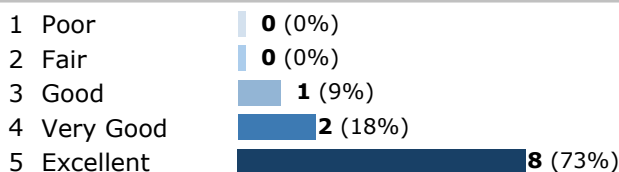TA Graph Report for: **Rohit Gurunath**

1 Overall Quality   N=11

1	Poor	**0** (0%)
2	Fair	**1** (9%)
3	Good	**0** (0%)
4	Very Good	**2** (18%)
5	Excellent	**8** (73%)
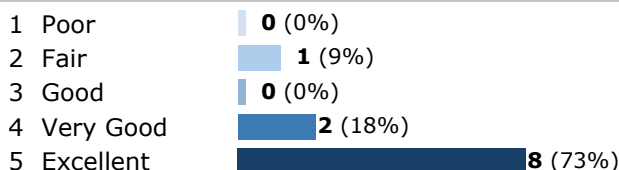
Median **5**   Interpolated Median **4.81** Mean **4.55** Std Dev **0.93**
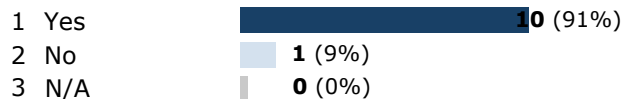
2 Knowledgeability   N=11

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (9%)
4	Very Good	**2** (18%)
5	Excellent	**8** (73%)

Median **5**   Interpolated Median **4.81** Mean **4.64** Std Dev **0.67**

3 Approachability   N=11

1	Poor	**0** (0%)
2	Fair	**1** (9%)
3	Good	**0** (0%)
4	Very Good	**1** (9%)
5	Excellent	**9** (82%)

Median **5**   Interpolated Median **4.89** Mean **4.64** Std Dev **0.92**

4 Availability   N=11

1	Poor	**0** (0%)
2	Fair	**0** (0%)
3	Good	**1** (9%)
4	Very Good	**2** (18%)
5	Excellent	**8** (73%)
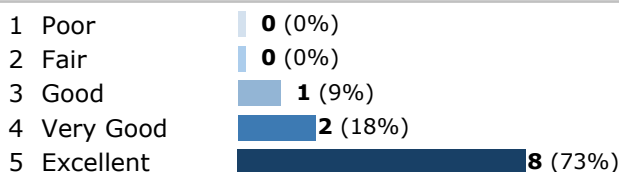
Median **5**   Interpolated Median **4.81** Mean **4.64** Std Dev **0.67**

5 Communication   N=11

1	Poor	**1** (9%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**3** (27%)
5	Excellent	**7** (64%)
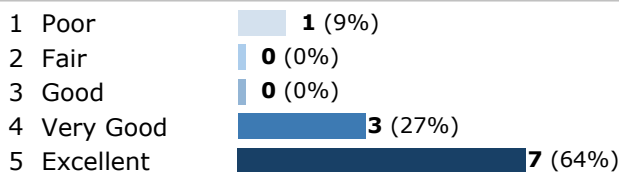
Median **5**   Interpolated Median **4.71** Mean **4.36** Std Dev **1.21**

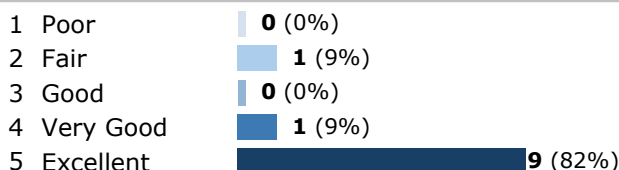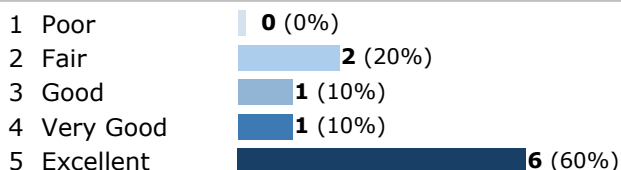### 6 Does this TA communicate effectively in english?   N=11

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

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

TA Comments Report for: **Rohit Gurunath**

Q1 Comments

- Rohit is a C master. Very knowledgeable and has the ability to explain complex topics in very concise way.

Title: **Spring 2016 COMS Final Evaluation**

Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**

Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**

Responses**: 74/135 - 54.81%**

Number of Participants: **135**

Enrollment of All Students: **135**

TA Graph Report for: **Xingzhou He**

1 Overall Quality   N=10

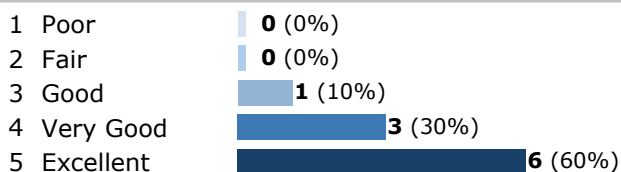|		
1	Poor	**0** (0%)
2	Fair	**2** (20%)
3	Good	**1** (10%)
4	Very Good	**1** (10%)
5	Excellent	**6** (60%)

Median **5**   Interpolated Median **4.67** Mean **4.10** Std Dev **1.29**

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	**2** (20%)
2	Fair	**0** (0%)
3	Good	**0** (0%)
4	Very Good	**1** (10%)
5	Excellent	**7** (70%)

Median **5**   Interpolated Median **4.79** Mean **4.10** Std Dev **1.66**

4 Availability   N=10

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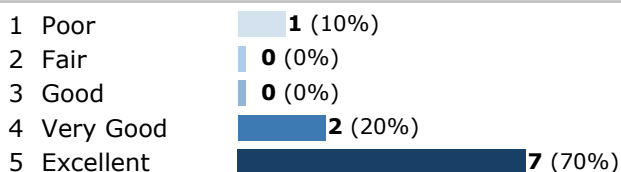
Median **5**   Interpolated Median **4.79** Mean **4.40** Std Dev **1.26**

5 Communication   N=10
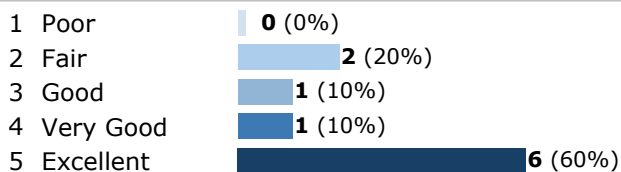
1	Poor	**0** (0%)
2	Fair	**2** (20%)
3	Good	**1** (10%)
4	Very Good	**1** (10%)
5	Excellent	**6** (60%)

Median **5**   Interpolated Median **4.67** Mean **4.10** Std Dev **1.29**

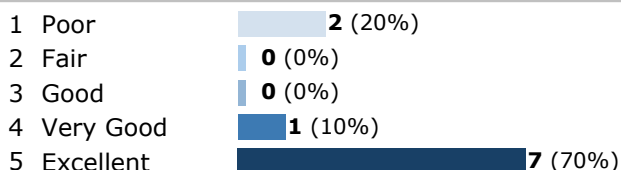### 6 Does this TA communicate effectively in english?   N=10

1	Yes	**10** (100%)
2	No	**0** (0%)
3	N/A	**0** (0%)

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

Title: **Spring 2016 COMS Final Evaluation**

Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I**

Instructors: **Jae W Lee**

Dates: **04/25/2016 - 05/02/2016**

Responses**: 74/135 - 54.81%**

Enrollment of Registered Students:**135**

Enrollment of All Students:**135**

TA Comments Report for: **Xingzhou He**

Q1 Comments

- He was late to his OH (by probably 10-15 mins, so not a huge deal); asked him a question about the homework. He said he needed to read the homework, (again not a huge deal, but he probably should read the homework before he comes to office hours). What annoyed me though is that he pulled out computer, read some social media message, laughed, and typed some reply and never read the homework question....

- I went to his office hours the day that a very large assignment (Freezer) was due. Unfortunately he seemed far more interested in helping one particular student (who is an AP TA) debug his code than in helping the many other students who were asking valid questions about the assignment. He was dismissive in his answers in a way that I felt was unfair, given his preferential treatment of one particular student.

- Love love love him. Amazing. He is extremely knowledgable and great at explaining concepts. One of ht best TA's I have ever had

Title: **Spring 2016 COMS Final Evaluation** Dates: **04/25/2016 - 05/02/2016**
Course: **COMSW4118_001_2016_1 / OPERATING SYSTEMS I** Responses**: 74/136 - 54.41%**
Instructors: **Jae W Lee** Number of Participants: **136**
Enrollment of All Students: **136**

Graph Course Specific Questions

1 **Many students use PDF versions of** N=74
textbooks. I'd like to find out how many
people buy physical books, so I don't have to
contribute to global warming by ordering
textbooks to bookstore, only to have them
return most of the copies later. Did you
buy a physical copy of Operating Systems
Concepts Essentials, 2nd Ed (or Operating
System Concepts, 9th Ed)? If so, where?

1 I didn't buy it. **52** (70%)
2 Bought it at **3** (4%)
   BookCulture.
3 Bought it **19** (26%)
   somewhere else
   (ex. Amazon).

Median **1** Interpolated Median **1.21** Mean **1.55** Std Dev **0.88**

2 **Did you buy a physical copy of Linux Kernel** N=74
Development? If so, where?

1 I didn't buy it. **49** (66%)
2 Bought it at **3** (4%)
   BookCulture.
3 Bought it **22** (30%)
   somewhere else
   (ex. Amazon).

Median **1** Interpolated Median **1.26** Mean **1.64** Std Dev **0.92**

3 **Did you buy a physical copy of quot;Advanced** N=74
Programming in the UNIX Environmentquot;?
If so, where?

1 I didn't buy it. **45** (61%)
2 Bought it at **3** (4%)
   BookCulture.
3 Bought it **26** (35%)
   somewhere else
   (ex. Amazon).

Median **1** Interpolated Median **1.32** Mean **1.74** Std Dev **0.95**