

## TEACHER REPORT

Name of Teacher	Tan Tuck Choy
Course	CS2100-Computer Organisation (LECTURE)
Academic Year/Sem	2023/2024 - SEM 1
Department	COMPUTER SCIENCE
Faculty	SCHOOL OF COMPUTING

Raters	Student
Responded	544
Invited	795
Response Ratio	68%

Note:

Class Size = Invited; Response Size = Responded; Response Rate = Response Ratio

### A. GUIDELINES FOR INTERPRETING THE REPORT

The teacher evaluation report is for developmental purposes and is meant to help identify strengths and areas for improvement. Please consider the following recommendations that will aid in interpreting the results:

1. Examine the report by taking note of patterns in order to consider how best to act on the feedback your students have taken the time to provide. Use the reflection section at the end to reflect upon how you might act on the feedback.
2. These evaluations stem from student perception and thus constitute one source of evidence among others as to the quality of your teaching. Any response to the feedback should be based on the most representative results rather than on outlying responses.
3. Upon getting a general sense as to what has gone well, and which areas may require attention and improvement, it is important to drill down to the related questions. These questions can help guide future action if feedback from students suggest areas for improvement.
4. Keep both the likert scale and written comments in mind while reading through the report. High scores (4+) suggest student consensus indicating a strength. On the other hand, low scores (2-) should be considered as an area that requires immediate developmental focus based on student feedback.

## B. NOMINATION FOR TEACHING AWARDS

	Response Count
I would like to nominate Tan Tuck Choy for teaching awards	77

Comment
- Overall really nice prof
- Challenging materials that enhances my problem-solving capabilities. Clear lectures.
- Great prof that deserves recognition
- Super passionate
- Good Prof
- Good energy, Articulates content well, all round good prof.
- A genuine prof
- He took both the lectures and tutorials for me, it taught them in such a way that it was easy to understand. Also taught various approach to a single question. So I would like to nominate him for teaching awards.
- really good tutor
- He is very passionate and puts in effort to engage his students
- Good and helpful prof!
- -
- very patient and caring and dedicated professor! one of the best in nus
- Great teaching and approachable
- knowledgeable, clear lectures and very friendly
- Always one of the most committed and passionate professors of SOC, there is no need to explain further.
- class interaction
- good
- i love aaron
- Great teacher.
- The way he conducts his lectures are extremely engaging
- Very passionate about teaching and can explain ideas clearly.
- patient
- He is one of the most engaging and interesting professors at NUS.
- He is passionate with teaching
- passionate teacher.
- Lectures are fun and HAND
- I can feel prof arron's passion in teaching this course and he really cares about his student
- no
- motivational
- Very interesting lecturer
- He's very clear in his words and explanation
- nil
- one of best profs in soc
- Seeks to engage students by using rhetorics such as analogies and visuals
- One of the best profs in SoC!
- Strong communicator and knows the content extremely well.
- Good Prof
- Very engaging and passionate about teaching

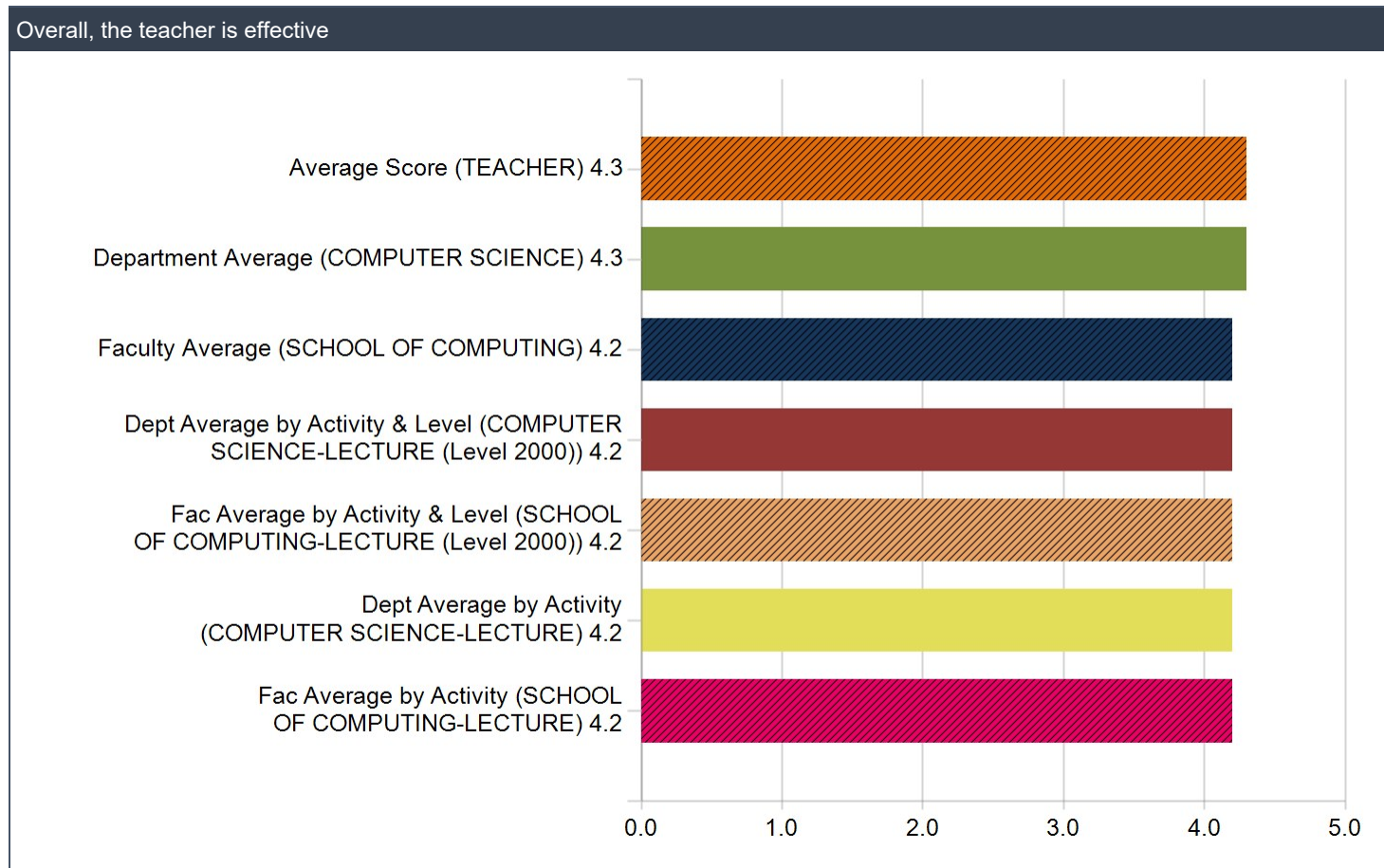
Comment
- Very Likeable
- Passionate in his teaching and very clear in his explanations
- Prof cares about his students
- Effective teaching style. They employ various teaching methods and strategies to engage students, making the learning process enjoyable and effective. Their lectures are well-structured, and they have a talent for breaking down complex topics into understandable components.
- Really engaging and easy to understand during lectures
- He is a great professor that cares about student development and learning
- He is the best professor I have ever met in NUS. He taught me CS1231S also.
- A good teacher who is nice, capable, and engaging.
- His way of teaching makes the class appealing.
- Their passion for the subject matter is evident in every lesson, making complex topics easily understandable. The patience and dedication they exhibit in ensuring every student comprehends the material is remarkable.
- HAND
- Fun and passionate prof
- Dedicated to teaching and involved with students
- He is very dedicated, created effective and concise slides for the students. He also tries his best to engage students.
- very engaging and helpful
- Strong lecturer who explains concepts well and is very patient.
- The recitations are good
- Good, passionate lecturer too.
- He is good at engaging the class and good at explaining
- Creative teaching e.g. numbers game to increase our interest in teaching
- Passionate, engaging, approachable, and knowledgeable.
- clear and engaging, can feel that he is eager to share and teach
- He is an amazing professor and i enjoyed this module.
- prof really cares about his students and motivates us throughout the module.
- Genuinely cares about student's education
- He was able to explain complex concepts in easy to understand ways.
- He is a really understanding prof who is concerned for his students, provides helpful advice and is always there to listen.
- Gd prof
- I already wrote my reasons
- Very professional.
- Good lecturer
- Dedicated tutor
- Good
- Amazing
- nil
- Good prof that help his students
- he is extremely passionate about the subject and is able to teach the concepts in a simple and elegant manner
- he always make the effort to make sure students understand the concepts
- Good prof, explains things clearly and engaging
- He explains concepts clearly. The thought process is clear and it is easy for students to understand him.

### C. STUDENT FEEDBACK SCORES

#### (i) Rating Score

Question	Average Score (TEACHER)		Department Average (COMPUTER SCIENCE)		Faculty Average (SCHOOL OF COMPUTING)	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Overall, the teacher is effective.	4.3	0.7	4.3	0.8	4.2	0.8

Question	Average Score (TEACHER)	Dept Average by Activity & Level (COMPUTER SCIENCE-LECTURE (Level 2000))	Fac Average by Activity & Level (SCHOOL OF COMPUTING-LECTURE (Level 2000))	Dept Average by Activity (COMPUTER SCIENCE-LECTURE)	Fac Average by Activity (SCHOOL OF COMPUTING-LECTURE)
	Mean	Mean	Mean	Mean	Mean
Overall, the teacher is effective.	4.3	4.2	4.2	4.2	4.2



Question	Average Score (TEACHER)		Department Average (COMPUTER SCIENCE)		Faculty Average (SCHOOL OF COMPUTING)	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
The teacher has enhanced my thinking ability.	4.3	0.7	4.3	0.8	4.2	0.8
The teacher provided timely and useful feedback.	4.3	0.7	4.2	0.8	4.2	0.8
The teacher has increased my interest in the subject.	4.3	0.7	4.2	0.9	4.2	0.9
Average of Q1-Q3	4.3	0.7	4.2	-	4.2	-

Question	Average Score (TEACHER)	Dept Average by Activity & Level (COMPUTER SCIENCE-LECTURE (Level 2000))	Fac Average by Activity & Level (SCHOOL OF COMPUTING-LECTURE (Level 2000))	Dept Average by Activity (COMPUTER SCIENCE-LECTURE)	Fac Average by Activity (SCHOOL OF COMPUTING-LECTURE)
	Mean	Mean	Mean	Mean	Mean
The teacher has enhanced my thinking ability.	4.3	4.2	4.2	4.2	4.2
The teacher provided timely and useful feedback.	4.3	4.1	4.2	4.2	4.1
The teacher has increased my interest in the subject.	4.3	4.2	4.2	4.2	4.1
Average of Q1-Q3	4.3	4.2	4.2	4.2	4.2

### Department Specific Questions

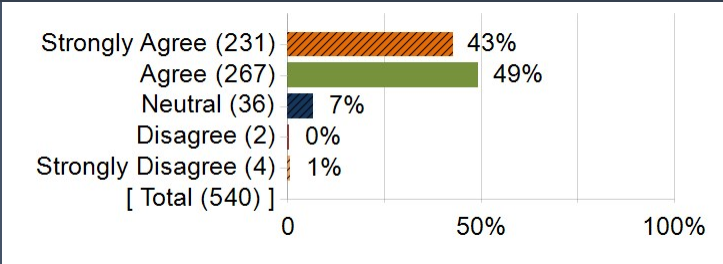
Question	Average Score (TEACHER)		Department Average (COMPUTER SCIENCE)	
	Mean	Standard Deviation	Mean	Standard Deviation
The teacher engaged me in useful interactions that have enhanced my learning.	4.3	0.7	4.2	0.8

Question	Average Score (TEACHER)		Department Average (COMPUTER SCIENCE)	
	Mean	Standard Deviation	Mean	Standard Deviation
The teacher's attitude and approach encouraged me to think and work in a creative and independent way.	4.3	0.7	4.2	0.8

Question	Average Score (TEACHER)		Department Average (COMPUTER SCIENCE)	
	Mean	Standard Deviation	Mean	Standard Deviation
The teacher cares about student development and learning.	4.3	0.7	4.3	0.8

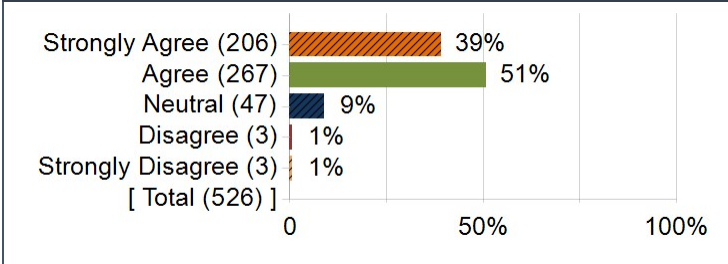
**(ii) Distribution of Responses and Additional Statistics**

**1. The teacher has enhanced my thinking ability.**



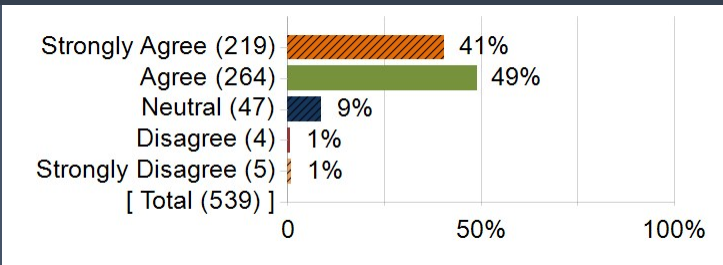
Statistics	Value
Response Count	540
Mean	4.3
Median	4.0
Mode	4
80th Percentile	5.0
Standard Deviation	0.7
Positive Feedback	92%

**2. The teacher provided timely and useful feedback.**



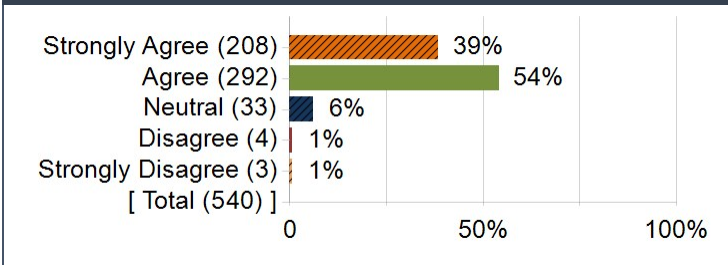
Statistics	Value
Response Count	526
Mean	4.3
Median	4.0
Mode	4
80th Percentile	5.0
Standard Deviation	0.7
Positive Feedback	90%

**3. The teacher has increased my interest in the subject.**



Statistics	Value
Response Count	539
Mean	4.3
Median	4.0
Mode	4
80th Percentile	5.0
Standard Deviation	0.7
Positive Feedback	90%

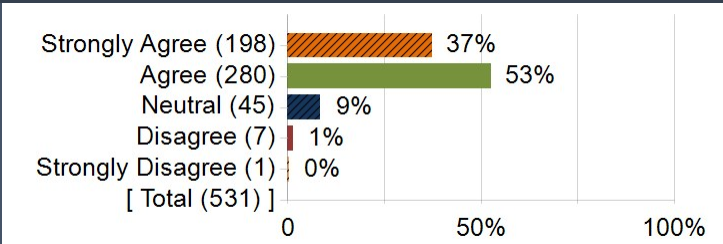
**4. Overall, the teacher is effective.**



Statistics	Value
Response Count	540
Mean	4.3
Median	4.0
Mode	4
80th Percentile	5.0
Standard Deviation	0.7
Positive Feedback	93%

**The teacher engaged me in useful interactions that have enhanced my learning.**

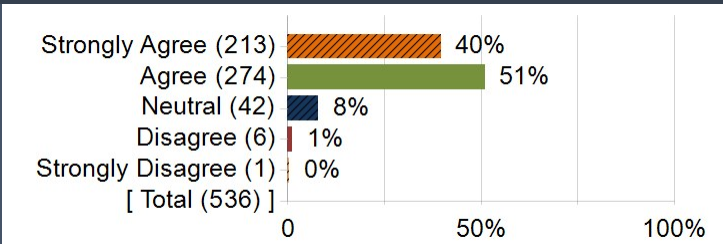
The teacher engaged me in useful interactions that have enhanced my learning.



Statistics	Value
Response Count	531
Mean	4.3
Median	4.0
Mode	4
80th Percentile	5.0
Standard Deviation	0.7
Positive Feedback	90%

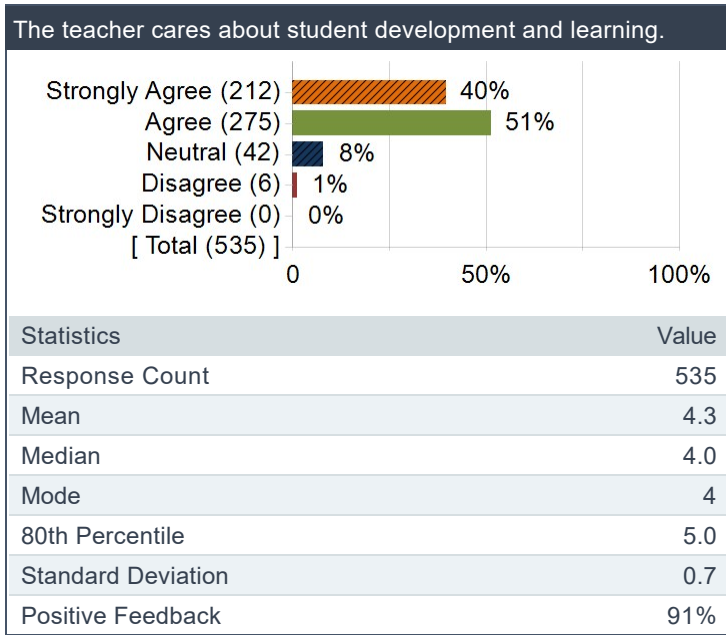
**The teacher's attitude and approach encouraged me to think and work in a creative and independent way.**

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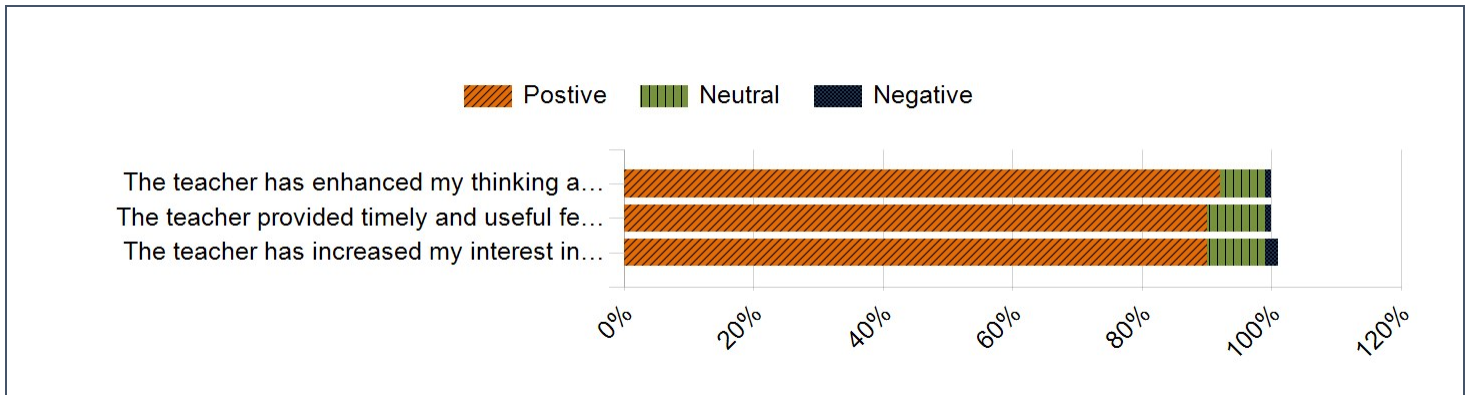


Statistics	Value
Response Count	536
Mean	4.3
Median	4.0
Mode	4
80th Percentile	5.0
Standard Deviation	0.7
Positive Feedback	91%

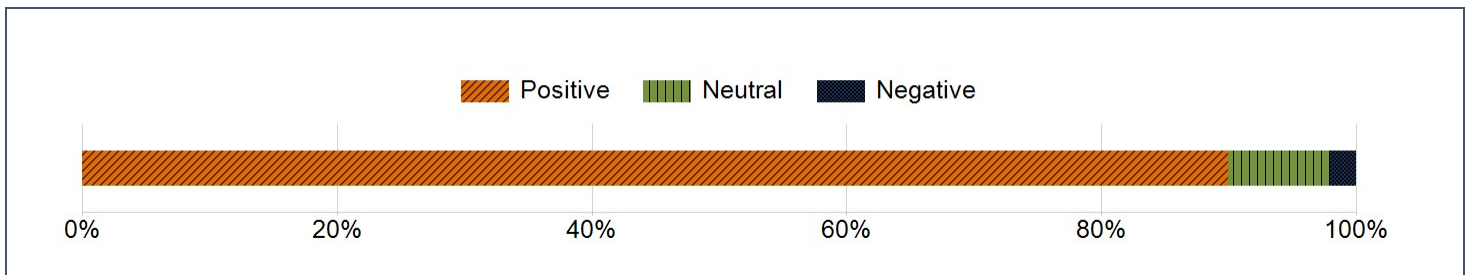
**The teacher cares about student development and learning.**



**(iii) Scale Distribution of Responses**

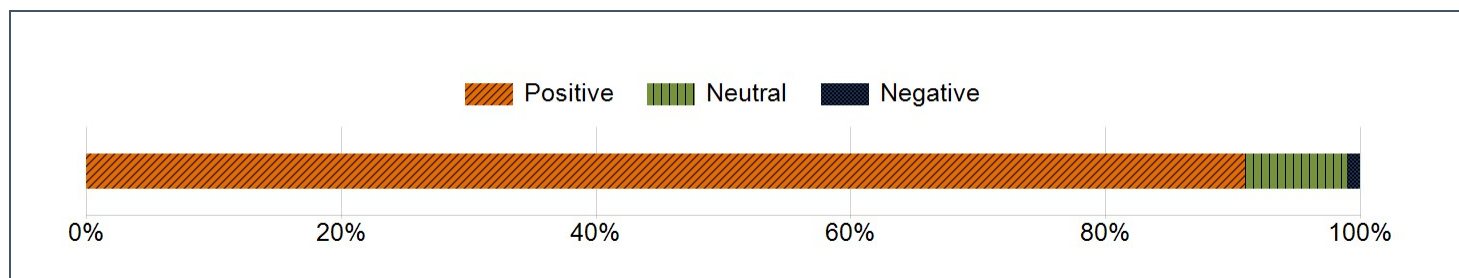


**The teacher engaged me in useful interactions that have enhanced my learning.**

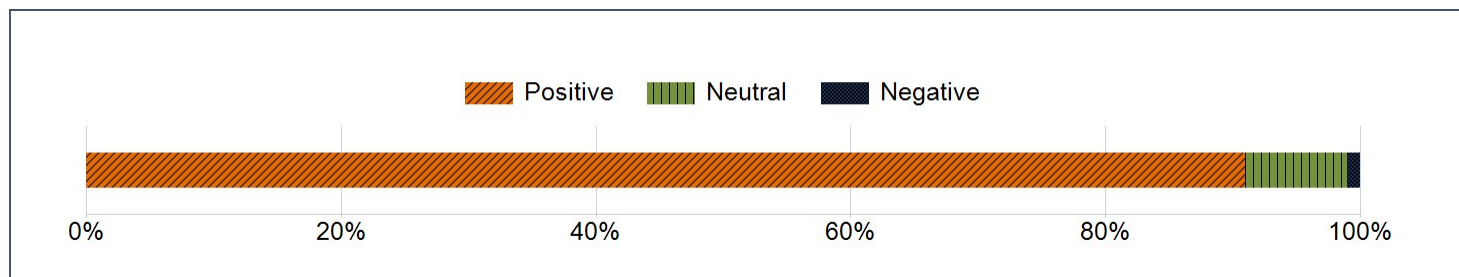




The teacher's attitude and approach encouraged me to think and work in a creative and independent way.



The teacher cares about student development and learning.



#### (iv) Rating Scores vs. Gender

Question	M	F	Overall
The teacher has enhanced my thinking ability.	4.4	4.3	4.3
The teacher provided timely and useful feedback.	4.3	4.2	4.3
The teacher has increased my interest in the subject.	4.3	4.2	4.3

### D. STRENGTHS

What are Tan Tuck Choy's strengths?

Comments
Passionate in imparting knowledge, clear and concise.
Great prof!
Challenging materials that enhances my problem-solving capabilities. Clear lectures.
Great prof that cares about the growth of students. Good teacher, and responds to emails quick.
HAND
-
Very contagious energy, always spends time on the details during lectures (as it is recorded, so no real time limit)
Very clear explanations
good at explaining complicated things
Clear in teaching
Generally, prof Aaron cares about his students and their learnings which is why he prints the lab for next week for us but in general Prof aaron is great at using examples to bring out content and generally is able to explain properly
-
NIL
Adds stories and tries to connect with students on a personal level to make his lectures more interesting, especially since computer organisation is a rather dull subject.
NIL
can explain concepts

## Comments

Knowledgeable and very helpful towards students.

–

GOOD

strong and detailed explanation

very patient and dedicated, very encouraging towards his students

A really engaging lecturer which is able to explain difficult concepts clearly.

Slides are sufficiently clear.

Good at explaining concepts, friendly to students

Passionate in teaching

Passionate about the module

explains lecture really clearly, make rounds during lab to ensure smooth operations

nil

Prof's explanations are v clear and he's engaging !

–

very good knowledge and explanation

Able to explain intricate concepts clearly.

Charismatic and effective lecturer, very willing to help and reply readily to students' problems.

Knowledgeable about the subject and can pick student's brains

class interaction

Passionate aboutt the subject

clear in his instructions

passion

patience

Brings humour into his lectures

His lessons are always very detailed and easy to understand.

good examples given

He teaches concepts really well

he is good

Motivating and cheerful

–

Very passionate and engaging

good at explaining difficult concepts! i really enjoy his lectures

funny

He is able to teach in optimal time

–

nil

Good at explaining concepts.

Engaging

He teaches well

nil

Prof Aaron has very good rapport with his student base

NA

na

not sure.

Explaining concepts in a clear and concise manner during lectures.

Very passionate and explain well

Comments
Can explain topics well
Friendly and caring professor that can be seen to be genuinely caring towards his students.
He provides many thought provoking questions
Effective teaching style. They employ various teaching methods and strategies to engage students, making the learning process enjoyable and effective. Their lectures are well-structured, and they have a talent for breaking down complex topics into understandable components.
Really clear explanation with good examples to help students understand
He is a great professor that cares about student development and learning
Professor Aaron is always the best.
He explains things very clearly and interestingly.
Ability to explain confusing topics
His lecture is interesting, lots of interaction and humour happen during the class.
Clear in explanations, friendly and approachable
Their passion for the subject matter is evident in every lesson, making complex topics easily understandable. The patience and dedication they exhibit in ensuring every student comprehends the material is remarkable.
NIL
Clear presentation
He cares about the student's learning, and tries his best to come up with ways to help us understand the content, despite the information overload.
Explaining concepts clearly
clear and concise
Patient, clear at teaching
Very patient and responsible
na
Good to push students towards more self-driven learning. Very patient and thorough during lectures.
He was able to effortlessly explain difficult concepts.
The breakdown and explanation of concepts is very clear and easy to understand
-
nil
nil
knowledgeable
He is a good explainer and he is quite humourous
Creative teaching
I can feel that he really cares for his learning of his students from his actions. Even though he gives really hard questions, it's fun learning and solving them
Passionate, engaging, approachable, and knowledgeable.
Clear explanations
He is very interactive, make sure his students understand the content well
Lectures are short but still effective, can understand his lectures easily
He is able to simplify complex topics such that it is easy to grasp and follow.
prof really cares about his students and motivates us throughout the module.
Effective lectures and easy to understand explanations
Extremely passionate and energetic, absolutely love listening to his lectures/explanations
He is great at making sure we understand the content beyond simply for doing questions, stressing on important places where students tend to get lost
Clear explanation in logical concepts.
Friendly and approachable!
He was able to explain complex concepts in easy to understand ways.

Comments
Very engaging in the lectures
Nil
He knows how to make lectures/recitations engaging. For instance, he played the "Guess The Number" game, and even asked for volunteers which really adds a creative angle to the usual recitation sessions
nil
nil
Breakdown of hard concepts
–
Enthusiastic
His explanations are very good in the videos
He understands the concepts well and understands how to present the knowledge in a way that we can understand.
Nil
Very professional.
Good lecturer, helpful and friendly. Makes the lectures a little more interesting.
He tries to bring some unique examples like games or personal anecdotes to explain concepts to us making it more in interesting
He is knowledgeable
engaging
sometimes funny :)
Candid, interesting, makes it easy to understand topics
Explains concepts coherently
Nil
clear, engaging
straightforward, clear content
nil
good
passionate
he is able to explain difficult concepts in a simple and elegant manner
Knowledgeable
He often makes his lectures very interesting
Clear explanation of lecture content. Will address common inquiries by students that sometimes might not be asked by students.
NA
Very passionate and helpful prof.
Intuitive explanation, makes stuff seem simple.
Very good at explaining
Intuitive explanation of lecture contents especially for Boolean Algebra and subsequent topics.
explanations

## E. AREAS FOR IMPROVEMENT

### What improvements would you suggest to Tan Tuck Choy?

Comments
Flesh out certain points that might be assumed to be "easy" or "already known knowledge".
Spread the difficulty out, maybe make the start more difficult, and balance out the difficult at the end.
None that I have. Keep it up!
–
Nil

Comments
can go less in depth sometimes
NA
Sometimes you move too fast about the concepts. As a person seeing these concepts for the first time, we might need some time to digest so face information may be harder to digest. Additionally, lectures are watched 1 week apart from each other, so a refresher might help instead of assumption made
–
NIL
A lot of times I feel that the questions set in the exam and tutorial are incredibly difficult and have no idea where to start. It is only after rounds of explanation that I begin to get some understanding of the topic, otherwise it seems that the questions were made too difficult on purpose.
NIL
nil
Content is simply overwhelming and too much, but I guess it can't be helped given the scope of this module.
–
GODO
nil
nil
– Nil –
None so far
Nil
–
nil
nil
nil
–
nil
NA
Can consider easing students into more difficult concepts
none
idk
nil
NIL
Nil
nil
–
NIL
nil
nil
NIL
–
nil
NIL.
Nil
Nothing in particular for cs2100.
nil
nil
NA

Comments
na
not sure.
The concepts he explains could be elaborated on more to improve our understanding.
Nil
Nil.
NIL
The slides could contain a bit more explanations so they are more useful during revision
NA
N.A.
Nil
–
One suggestion for improvement could be to explore more diverse teaching methods or incorporate multimedia elements to cater to different learning styles, thus ensuring a more comprehensive understanding for all students.
NIL
NIL
maybe split the lectures into smaller parts like the other lecturers... i know it doesn't really actually matter but it helps a bit in getting thru this mods long lectures
I think he's doing great
–
nil
NIL
Tutorials don't have to be interactive
na
None
–
nil
nil
more examples
Nil
NIL
–
NIL
nil
Prof Aaron can be more concise in his explanations. Link between the concepts more. During lectures, it seems as though the topics are unrelated when in fact, they are.
Nil
nil
N/A
None
NIL
Nil
nil
nil
NIL
I felt like the lectures were lacking alot in enthusiasm :) in contrast to prof colin who seemed alot more interested! maybe is just abit monotonous but overall i still liked your lectures
Teach more clearly, not just enthusiastically.

Comments
From cs1231 to now, once he shows up my interest is lost as he doesn't teach, just assumes we know everything. Feed back given for questions tend to be
"Go back and read". What?
Nil
Nothing of note.
Nil
nil.
He can better explain concepts by going through the rational of why the solutions were created or the thought process of when a problem arise, the solution is designed as such instead of going through a mathematical approach where $1 + 1 = 2$ .
e.g. problem is 2 bits are needed to be evaluated so what kind of gate and why the gate has maybe the 4 outputs to determine what each output will allow you to do. rather than just 2 1s will return 1, the rest return 0 then move on with the lecture
nil
NA
None
Be concise and straight to the point about the material that matters rather than going on and on about things that don't.
NA
nil
good
-
nil! thank you for being one of the best professors i have met in nus
NIL
nil
NA
Work a bit on your pronunciation, I know its hard but maybe a few words can break flow sometimes. Very good otherwise
I hope he could understand my email :(
Better elucidation of some seemingly less obvious lecture components can be carried out.
more active

## F. SELF-REFLECTION

1. When comparing these results to the previous year's results, what areas have shown improvement?
2. What areas remain to be improved and what are the necessary steps / actions to do so?
3. Are there colleagues who could potentially guide me?
4. Are there issues that require departmental or institutional support?