TEACHER REPORT

Name of Teacher	TAN TUCK CHOY
Module	IT1005-INTRODUCTION TO PROGRAMMING WITH MATLAB (LECTURE)
Academic Year/Sem	2016/2017 - SEM 1
Department	COMPUTER SCIENCE
Faculty	SCHOOL OF COMPUTING

Number of Responses

Statistics	Value
Response Count	237

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 (see the detailed report). 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	84

Comment
-Good lecturer
-He is passionate in teaching.
-He has interesting teaching methods and makes lessons fun
-I feel that he is a very good lecturer and teacher as he is very passionate about teaching.
-Lecturer is engaging, tries to meet the needs of students
-HAND
-He cares for students.
-Humorous, engages the students, offers step by step explanation for the codes.
-very good lecturer
-One of the best lecturer I have had so far.
-He is a great lecturer who makes it easy for students to grasp the concepts as many of us are new to programming.
-fun, caring, loving professor
-Good Teacher
-Very thorough in his explanation
-Able to deliver concepts in an interactive way
-Patient teaching
-Proficient in his teaching
-Passionate
-He is dedicated
-He gives a very good introduction course for programming
-Very passionate about his subject
-Engage the class well
-Different teaching methods
-He makes a strong effort to create a lively atmosphere for learning.
-guo fu cheng
-no
-He is very good
-Engaging
-Funny
-Can tell that he puts in alot of effort to prepare for our lectures and he genuinely cares for us unlike many of the other lecturers.
-Very difficulty to find an engaging lecturer =)
-He cares for the wellness of his students
-excellent role model for all who teaches, passionate in teaching thus provides a conducive environment for students to learn and think on their feet

Comment
-Good
-Very good teacher
-Creative
-He greatly increased my interest in the subject.
-able to give engaging lectures and always cares about students' learning
-For being such a good lecturer
-very fun and engaging
-good teaching method
-fun lecturer%!
-Very dedicated and humble lecturer
-Really good lecturer and concise notes
-Friendly teacher
-passionate
-Passionate teacher.
-Caring and jovial tutor who takes interest in student's learning
-Enthusiasm is contagious, he made us feel very interested in the subject
-Very creative and engaging. He puts in a lot of effort to make the subject interesting for the students
-Very engaging and candid
-He is an extremely passionate and good teacher
-why not?
-Able to tell that he cares for his students and tries to engage the class
-eloquent
-Excellent teacher
-puts in a lot of effort for students
-He is good
-He is very caring and helpful when it comes to weaker students like me. patient and kind.
-Knowledgeable, responsive
-Effective lecturer, makes lecture interesting
-Really caring, funny and enthusiastic lecturer. He is very jovial and bubbly all the time and funny and makes the module so much more enjoyable.
-meticulous and clear
-He deserves it
-Enthusiastic lecturer
-Friendly and teaches well.
-he teaches well and engages students
-He tries his best to make his lessons entertaining.
-Engaging lecturer who cares about students
-develop my interest to the subject
-Excellent lecturer
-He is a very engaging lecturer that made me interested about the module. He presents the lecture in a clear and succinct way such that the students can go out of the lecture understanding the concepts. Furthermore, the lab questions set by him were both challenging and manageable to further stretch our learning. Overall, I felt that I have learnt a lot from him about MATlab
-Very engaging and is able to create interest in the subject.

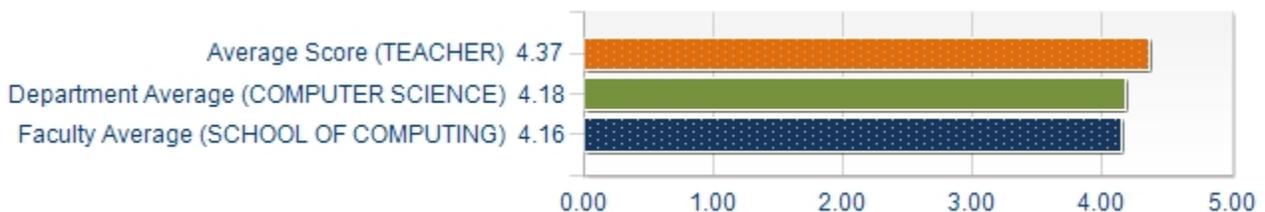| Comment |
|---|
| -Extremely positive and engaging |
| -Very Good |
| -Very committed lecturer which make sure us more interested in the module |
| -Very good in teaching, enthusiastic, deliever lectures very well |
| -He puts in sincere effort. |
| -Lectures given by him are informative, interesting and easy to understand |
| -Makes classes interesting |
| -good at teaching and humourous |
| -He is one of the few prof who made interested in programming.. he deserves this award! |
| -Nice and interesting lecture |
| -Dedication and care |
| -He is capable. |

C. SUMMARY OF TEACHING SCORES

(i) Teaching Rating Score Analysis

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.	4.39	0.70	4.19	0.80	4.17	0.82
The teacher provided timely and useful feedback.	4.37	0.72	4.18	0.83	4.16	0.85
The teacher has increased my interest in the subject.	4.27	0.87	4.06	0.91	4.04	0.92
Average of Q1-Q3	4.34	0.77	4.14	-	4.12	-

1. The teacher has enhanced my thinking ability.

Average Score (TEACHER) 4.39
Department Average (COMPUTER SCIENCE) 4.19
Faculty Average (SCHOOL OF COMPUTING) 4.17

0.00   1.00   2.00   3.00   4.00   5.00

2. The teacher provided timely and useful feedback.

Average Score (TEACHER) 4.37
Department Average (COMPUTER SCIENCE) 4.18
Faculty Average (SCHOOL OF COMPUTING) 4.16

0.00   1.00   2.00   3.00   4.00   5.00

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

Average Score (TEACHER) 4.27
Department Average (COMPUTER SCIENCE) 4.06
Faculty Average (SCHOOL OF COMPUTING) 4.04

0.00   1.00   2.00   3.00   4.00   5.00
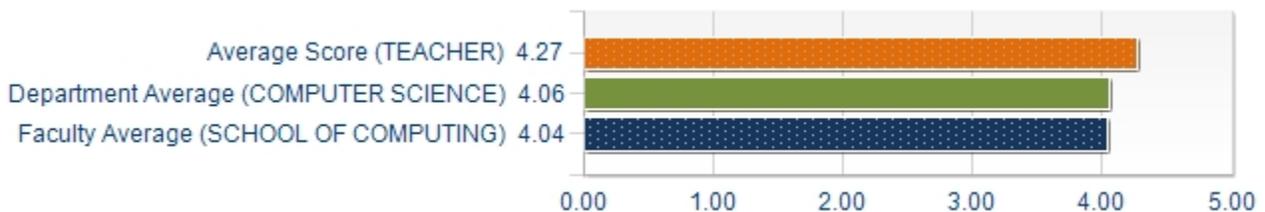
Question	Average Score (TEACHER)	Department Average (COMPUTER SCIENCE)	Faculty Average (SCHOOL OF COMPUTING)
	Mean	Mean	Mean
Computed Overall Effectiveness Score	4.39	4.15	4.12

Department Specific Questions

| Question	Average Score (TEACHER)		Department Average (COMPUTER SCIENCE)	
	Mean	Standard Deviation	Mean	Standard Deviation
The teacher has enhanced my ability to communicate the subject material.	4.26	0.69	4.11	0.81

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.	4.37	0.66	4.13	0.84

| Question	Average Score (TEACHER)		Department Average (COMPUTER SCIENCE)	
	Mean	Standard Deviation	Mean	Standard Deviation
The teacher cares about student development and learning.	4.41	0.68	4.19	0.82

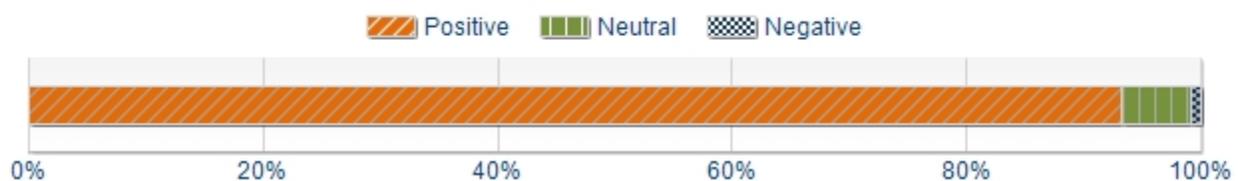## (ii) Teacher Rating Analysis Based on Scale Distribution
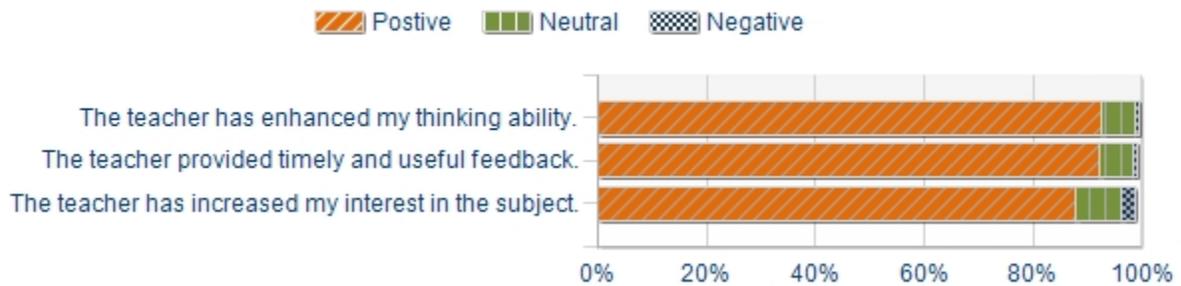
The teacher has enhanced my ability to communicate the subject material.
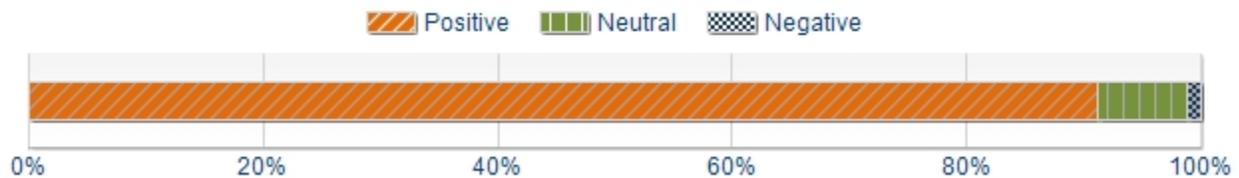
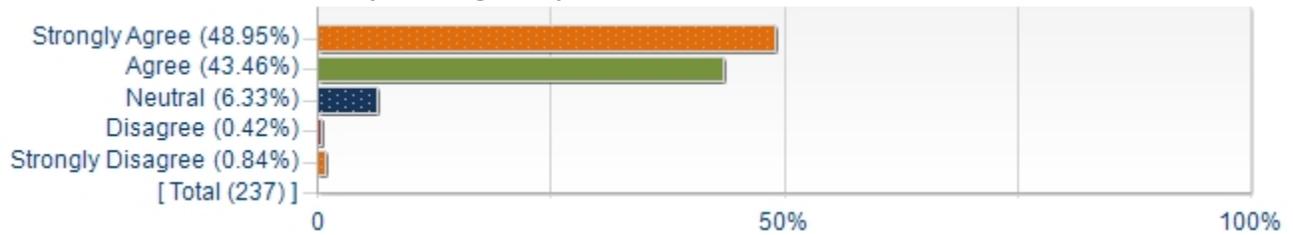**The teacher's attitude and approach encouraged me to think and work in a creative and independent way.**
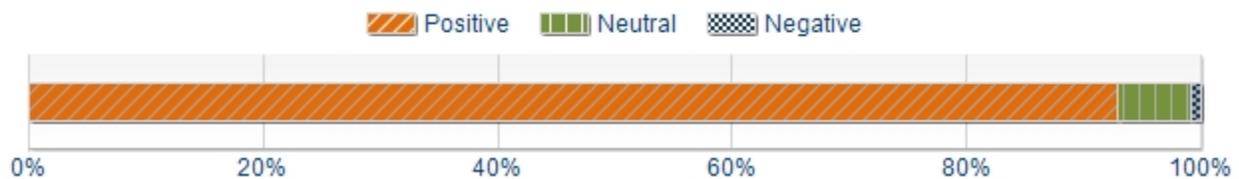
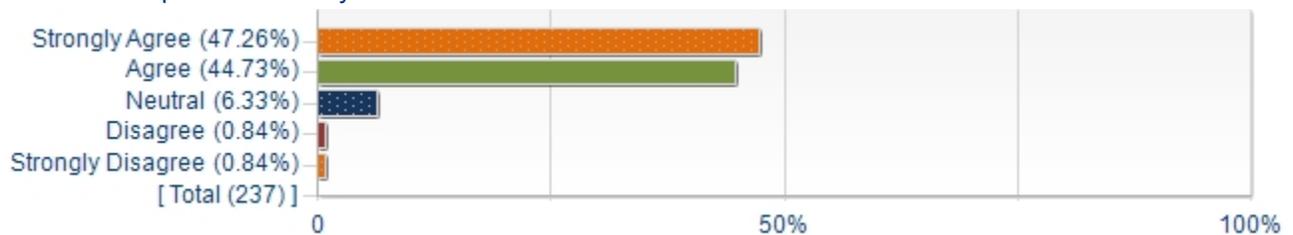**The teacher cares about student development and learning.**

(iii) Teacher Rating Frequency Analysis

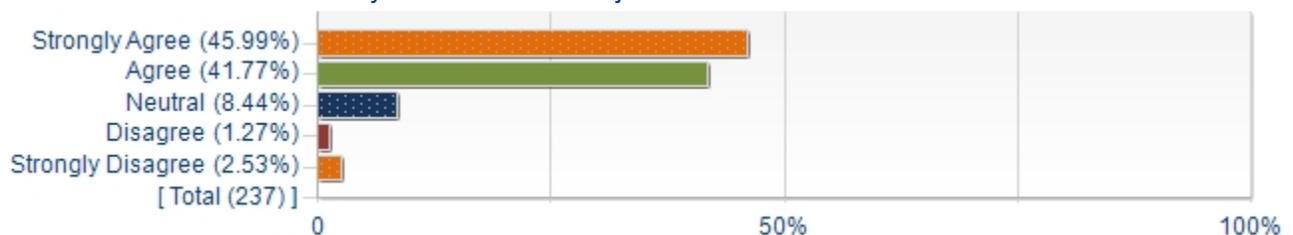### 1. The teacher has enhanced my thinking ability.

Strongly Agree (48.95%)
Agree (43.46%)
Neutral (6.33%)
Disagree (0.42%)
Strongly Disagree (0.84%)
[Total (237)]

Statistics	Value
Response Count	237
Mean	4.39
80th Percentile	5.00
Standard Deviation	0.70
Positive Feedback	92.41%

2. The teacher provided timely and useful feedback.

Strongly Agree (47.26%)
Agree (44.73%)
Neutral (6.33%)
Disagree (0.84%)
Strongly Disagree (0.84%)
[Total (237)]

Statistics	Value
Response Count	237
Mean	4.37
80th Percentile	5.00
Standard Deviation	0.72
Positive Feedback	91.98%

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

Strongly Agree (45.99%)
Agree (41.77%)
Neutral (8.44%)
Disagree (1.27%)
Strongly Disagree (2.53%)
[Total (237)]

Statistics	Value
Response Count	237
Mean	4.27
80th Percentile	5.00
Standard Deviation	0.87
Positive Feedback	87.76%

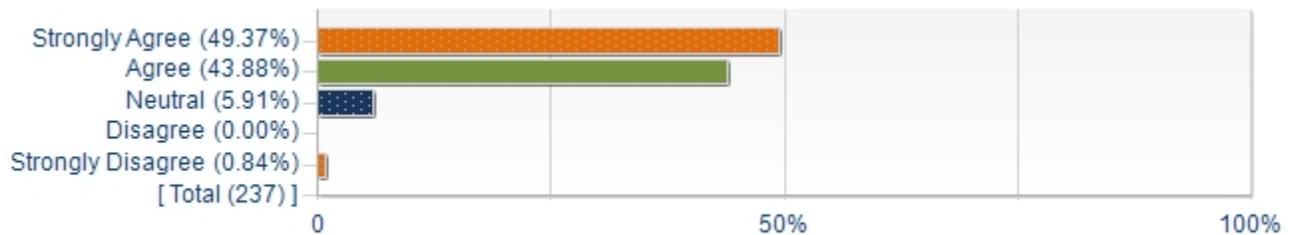**The teacher has enhanced my ability to communicate the subject material.**

Strongly Agree (37.29%)
Agree (53.81%)
Neutral (7.63%)
Disagree (0.42%)
Strongly Disagree (0.85%)
[Total (236)]
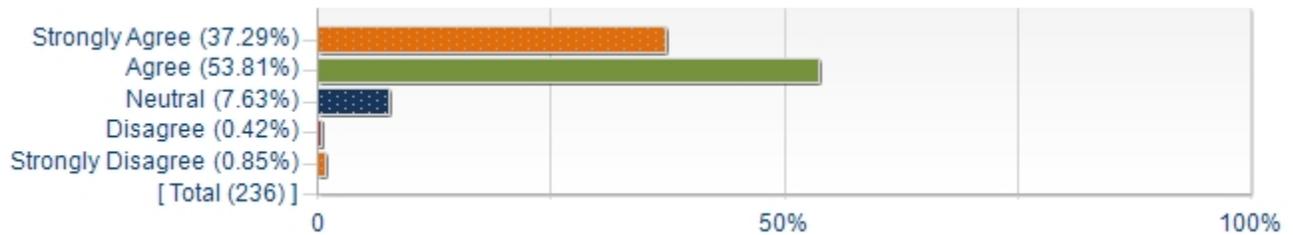
Statistics	Value
Response Count	236
Mean	4.26
80th Percentile	5.00
Standard Deviation	0.69
Positive Feedback	91.10%

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

Strongly Agree (45.15%)
Agree (47.68%)
Neutral (6.33%)
Disagree (0.42%)
Strongly Disagree (0.42%)
[Total (237)]
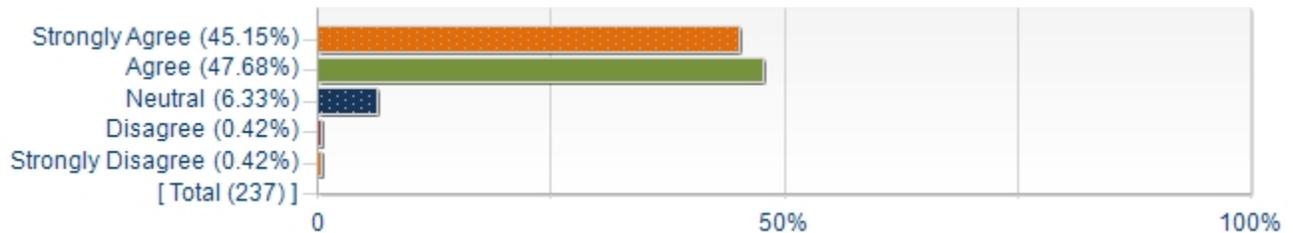
Statistics	Value
Response Count	237
Mean	4.37
80th Percentile	5.00
Standard Deviation	0.66
Positive Feedback	92.83%

The teacher cares about student development and learning.

Strongly Agree (49.37%)
Agree (43.88%)
Neutral (5.91%)
Disagree (0.00%)
Strongly Disagree (0.84%)
[Total (237)]

Statistics	Value
Response Count	237
Mean	4.41
80th Percentile	5.00
Standard Deviation	0.68
Positive Feedback	93.25%

(iv) Teacher Rating Scores vs. Gender

Question	M	F	Overall
The teacher has enhanced my thinking ability.	4.41	4.30	4.39
The teacher provided timely and useful feedback.	4.40	4.23	4.37
The teacher has increased my interest in the subject.	4.30	4.16	4.27

D. STRENGTHS

What are Tan Tuck Choy's strengths?

Comment
Clear concise and patient. Interactive as well.
Engaging when giving lectures
nil
engaging lectures
Give examples to help our learning and clear in teaching.
Entertaining and teaches in a systematic manner
His engagement with students in class
He is a very fun lecturer passionate about teaching.
Very engaging lecturer
clear presentation of syntext for beginners
Very prompt in responding to student queries Entertaining and useful demonstrations in lecture
–
Interesting, easy to listen to, funny, engaging. Helped me become more interested in learning more about matlab by myself.
Makes an effort to make class engaging and entertaining
He is well-versed with the content, hence able to communicate to us in a clear manner.
–nil-
Humorous, engages the students, explains everything clearly and step by step.
Funny and engaging. Makes lectures fun to attend
He teaches the subject in a very interesting and fun manner.
Smart and knows the module very well.
His ability to engage the audience and his ability to convey the even most difficult concepts in layman terms.
Has a good sense of humour and easy-going
He is a very charismatic, engaging and kind lecturer. He often jokes with the lecture group and delivers the lesson in a very candid manner.
Passionate in his teaching and able to introduce a completely new subject to most of us in an engaging manner.
Able to address queries well
Speaking clearly and explaining of codes to an engineering student. Enthusiastic in teaching.
Clear in his teaching.
Prof. Tan's lectures are quite lively and Prof. Tan sometimes used good analogy to help us understand the concepts

Comment
Mr Tan cares about his student learning. He makes learning programming less daunting especially for first-timers who has no prior background in coding. He attempts to make class enjoyable by tearing a book while illustrating a concept. He goes the extra mile to write the remarks for me during my mid-term test to further motivate me towards excellence. Overall a good teacher! Cheers!
Experienced in computing stuff, funny
He tries to make a completely new subject for me engaging and takes effort to make the lecture exciting. He always end his lectures on time and is punctual for all his lectures. He provides additional knowledge to us to help us understand programming better.
Lively, lectures are somewhat interesting.
He is clear in his explanations
Prof Aaron is very enthusiastic in his delivery of lectures and even though he just picked up Matlab as he claimed, he is well-versed and teaches zealously.
Very helpful and knowledgeable in his teaching
he is funny, enthusiastic and is really easy to pay attention to when he is teaching. he makes concepts easier to udnerstand as well.
Lively and interactive
He is good
Very Caring for student development
Very passionate about his subject
He is able to make this subject matter interesting by pulling in interesting examples of common computing problems and illustrates different concepts using creative ways. He has spurred my interest in learning programming.
Clear lecture notes and explanations.
Funny, interesting lectures. Easy to understand when he explains
Activity engaging the class.
engaging speaker in general
Interesting methods in teaching concepts
Ability to control the class
Include videos and illustration during lecture
Very enthusiastic!
interesting and engaging
He communicates his ideas and delivers explanation very thoroughly.
He is nice and can explain the codes and functions very well. He also makes the lectures very interesting through simple analogies and also sets interesting lab questions for us to solve.
he is able to teach the basic concepts really well, building on to the more advance ones step by step
Funny
Creates a positive learning environment and is rather humourous.
Lectures are very lively and entertaining. Novel way of explaining concepts. Easy to understand even for people with no prior experience. Explains the thought process for programming well and makes sure people understand concepts instead of memorising
Engaging
He makes his lectures very interesting
he is engaging, outspoken and able to illustrate and explain clearly key concepts to the class
hes patience and friendly
He is loud and clear
Ability to engage with the students and keep lessons entertaining
nil

Comment
Getting the interest of student.
An extremely fun and engaging lecturer. Able to deliver content in a simple, easy-to-understand manner.
Clear and comical. Makes learning more fun.
He is able to engage the students and explains the concepts well.
very entertaining and engaging
interesting way in teaching
Challenging lab questions, helpful answers in the forum, great personality.
Meticulous and genuinely cares for the students grasp of the module
His healthy volume of hair on his head at his age!
Tries to engage the class during lecture
1) Really clear in his explanations 2) Provides examples in his lectures to make understanding easier 3) Focuses on the right things
Makes teaching and learning fun.
His teaching method allows me to be better able to understand the logic of the functions being used in Matlab.
presents ideas well, makes the lecture interesting
He is an engaging professor who is able to teach difficult concepts in a fun way.
Made learning easy
Very engaging. Uses practical examples to show how certain program works.
Highly engaging. Explains concepts really well.
_
Continually keeps the class engaged throughout the lectures. Pace of lecture is sufficiently slow for students without prior programming background. Responds very quickly and thoroughly to any queries during lectures and on IVLE forums.
nil
Able to clearly discuss concepts and is engaging.
Well paced. Good explainations
Really wants his students to understand what he is teaching. Uses innovative methods to make lectures interesting
interesting
He is able to engage students during lecture and conveys the content in a comprehensive manner. Additionally, he is very encouraging.
_
puts in a lot of effort in teaching
Explanations are clear, quite engaging
very interactive
He interacts with the students in lecture.
He is very clear in his lecture. Able to explain new ideas and allow students to understand it while enjoying his lecture
Clear explanations during lesson and sufficient examples for students to visualise
Very clear in his explanation and friendly
Interesting lecturer, comical at times, very enjoyable lectures. Although lectures might get confusing at times, he answers questions on forums posted promptly.
Able to make a subject like programming more interesting to students.
Engaging and clear.
He makes lectures very interesting by engaging the students and tells jokes even though they are lame jokes it always

Comment
makes the lecture hall giggle or snigger. He also provides real life examples that further helps to make lessons interesting. He even ripped papers to show and better explain his point in lecture. He also shows videos and interesting anecdotes and it is really engaging to attend lectures.
He manages to give examples which help to eventually reach the desired solution and explains the content well enough to adapt to other solutions.
Passionate
His lecture slides are clear and concise.
Remarkable effort in his way of teaching, makes the effort for his lecture to be interesting, excellent teaching skills
He is passionate about computing and it can be felt.
Very clear and goes through each line of code in a program in order to give us an adequate understanding of the functions of the programs.
able to engage students well
able to be candid and engage students
None
He is very passionate and tries to make the lesson entertaining.
Engaging, able to communicate lecture content well
He makes the class interesting and puts in effort to capture the student's attention.
He is well-paced and gives clear explanations.
He manages to make the course material easy to understand for beginners and is also interesting and engagin
delivering the lecture in an interesting manner
nil
Able to engage the students even though the lecture can get very technical.
well-paced lectures, delivers lecture contents in a clear manner
Enthusiastic and keeps lectures interesting
Interesting, engaging, effective teaching style.
Funny and creative in how he teaches his lesson.
Very engaging and positive
Mr Tan is very dedicated and tries his best to teach and explain things we do not know. He taught us all the fundamental ideas of computing which we then applied throughout the module. I especially liked his real life demonstration of Binary search!
Very good in teaching, enthusiastic, deliever lectures very well
NIL
Clarity in teaching Uses good examples and demonstrations to teach
His clarity in content delivery aids in the understanding of techniques in MATLAB.
He is an engaging lecturer, and was able to deliver the subject content effectively. He was also very responsive to students' queries.
Though odd, he manages to find interesting/memorable methods of explaining concepts (i.e. tearing a book into halves) to explain binary search.
Funny
He is excellent at explaining concepts. He uses humourous examples to demonstrate the concepts that are being taught.
Very fun and engaging.. explains programming to us in a very basic fashion.. exceeltn!
IT1005 was my first encounter with Matlab, but Prof Aaron made it such an enjoyable subject to study! He explained what was going on in the codes printed on the lecture notes so we could all understand and learn what we were actually doing.

Comment
Interesting lectures (such as tearing book in front of students to demonstrate binary search function)
Very approachable, patient & humouress
Mr Tan is able to decompose programming concepts into simpler terms for students who do not have any programming background to understand. He is also very receptive in answering questions. He is actively engaged in class. He is a dedicated professor.
–
engaging
He tries to make lectures interesting and also ensures that he is approachable to clarify any doubts after lecture.

E. AREAS FOR IMPROVEMENT

What improvements would you suggest to Tan Tuck Choy?

Comment
Nil
nil
nil
Teaches too fast, lecture notes examples do not really assist us in doing Lab questions, the variation of difficulty is too much.
He could slow down on some parts where more calculations and codes are involved
more explicit in help provided.
–
Teach how Matlab works at a more fundamental level. For example, there are different types of arrays, like double array which is the "normal" matrix we make and logical arrays, which operates differently from a double array when we use certain functions. However, I did not learn this till I searched online myself.
Award half marks or method marks for programmes
He should slow down at times, because the module is challenging.
–nil-
Please conduct more lectures.
No improvements.
As he is the lecturer for the first part of the module which requires a strong grasp in basic concepts, I would prefer if he could go slower and provide more examples to explain certain concepts.
Include some bonus marks in lab submissions if student is able to solve special cases (provides incentive for students to venture more out of lecture notes).
None.
–
can you teach the second half of IT1005? No offence to the other guy
Nil
Should spend some time discussing strategies in programming apart from just the function of the code and the syntax.
More time can be dedicated to answering queries, since the lab questions are extremely difficult to apply concepts learnt during lecture.
Nil
–
dont let the other lecturer take over the other half of the semester.
nil

Comment
NIL
–-
Nil.
NIL
NIL
nil
Nil
To have more information on the concept in the lecture notes
nil
none
nil
Nothing
Spends a little too much time explaining how the function works, but not how to apply it and most of us end up being stuck at the lab tutorials since we do not know how to apply the loops and in built functions initially, although we know exactly how it works in the computer.
Teach the whole module instead :)
Perhaps the lecture examples could be a bit more advanced. I felt they were too simple and we couldn't apply the concepts to our lab reports
provide more examples in the lecture notes for students
provide us with more examples, and fun lab qn
nil
nil
Nil.
Be more lenient in late submission since students have put in their time to do it.
open up consultation slot
na
NIL
Put more focus on vectors/matrices as a student with no prior experience in MATLAB like myself had a bit of trouble understanding what vectors/matrices were for in the first place.
Discuss more questions in class.
He should not assume that we already know what kind of in-built functions are available and that we know how to use them automatically.
nil
He should try and have a less steep learning curve, as the subject matter becomes quite difficult for students who have never coded before.
Keep up the good work
Give more examples in the lecture notes. It will be helpful for students without programming background
NIL
Sometimes, the lecture notes are quite difficult to follow and his pace are a little too quick to follow.
–
NIL
nil
None
nothing much

Comment
Could go through thought process of programs to allow students to tune their way of thinking for programs in the future.
–
not very proficient in matlab yet, get better at it
–
More examples to be taught in lecture
Going slower, and give more examples.
None. Very good !
NIL
–nil-
Maybe tell the students what does "Hand Aaron" mean?
nil
–
Teach part 2 of the lecture too.
go slower
Teach the whole module.
NA
None
nil.
Please continue teaching MATLAB for the whole semester instead of half a semester.
The pace for his lessons is a bit too fast.
Provide more examples in lecture
During lecture, it would be really helpful if there could be senior students to walk around and help with the teaching, as some of the students feel shy to speak up in a large crowd. Having senior students or teaching assistants would enable students to quickly clarify doubts that they have immediately.
–
nil
nil
NIL
NIL
Provide more ways for students to improve in Matlab usage.
Explain complicated concepts like recurrence better
Mid-terms should have been fully open book instead of only lecture notes with no annotations.
Nil
NIL
–
To continue using weird but effective ways to demonstrate hard and abstract concepts to us. Cause such methods drive a distinct memory into students' mind and allows for real learning, rather than just reading and explaining by slides. Educators that often use interesting ways or models to explain abstract concepts are truly world class educators.
NIL
NIL
None! :)
Can give more examples and explanation on certain topics (like while loop in while loop etc)
–
NIL

Comment
_
None.

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?