### STUDENTS' RATINGS ON TEACHER

**Faculty Member:** CHEW TECK MENG, IVAN  
**Department:** COMPUTER SCIENCE  
**Faculty:** SCHOOL OF COMPUTING  
**Module:** DATA STRUCTURES AND ALGORITHMS I - CS1020  
**Activity Type:** TUTORIAL

**Class Size/Response Size/Response Rate:** 103 / 67 / 65.05%  
**Contact Session/Teaching Hour:** 55 / 55

<table>
<thead>
<tr>
<th>Qn</th>
<th>Items Evaluated</th>
<th>Fac. Member Avg Score</th>
<th>Fac. Member Avg Score Std. Dev</th>
<th>Dept Avg Score</th>
<th>Fac. Avg Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The teacher has enhanced my thinking ability.</td>
<td>4.716</td>
<td>0.059</td>
<td>4.103 (4.250)</td>
<td>4.090 (4.226)</td>
</tr>
<tr>
<td>2</td>
<td>The teacher has increased my interest in the subject.</td>
<td>4.522</td>
<td>0.083</td>
<td>4.011 (4.161)</td>
<td>4.003 (4.147)</td>
</tr>
<tr>
<td>3</td>
<td>The teacher provided timely and useful feedback.</td>
<td>4.716</td>
<td>0.063</td>
<td>4.122 (4.314)</td>
<td>4.124 (4.301)</td>
</tr>
<tr>
<td>4</td>
<td>The teacher has enhanced my ability to communicate the subject material.</td>
<td>4.522</td>
<td>0.081</td>
<td>4.045 (4.184)</td>
<td>NA (NA)</td>
</tr>
<tr>
<td>5</td>
<td>The teacher's attitude and approach encouraged me to think and work in a creative and independent way.</td>
<td>4.627</td>
<td>0.073</td>
<td>4.047 (4.182)</td>
<td>NA (NA)</td>
</tr>
<tr>
<td>6</td>
<td>The teacher cares about student development and learning.</td>
<td>4.642</td>
<td>0.073</td>
<td>4.138 (4.297)</td>
<td>NA (NA)</td>
</tr>
</tbody>
</table>

**Average Q1 to Q6:** 4.624 | 0.060 | 4.078 (4.231) | NA (NA) |

**Computed Overall Effectiveness of the Teacher:** 4.707 | 0.056 | 4.135 (4.293) | 4.127 (4.275) |

**Notes:**
1. A 5-point scale is used for the scores. The higher the score, the better the rating.
2. **Fac. Member Avg Score:** The mean of all the scores for each question for the faculty member.
3. **Fac. Member Avg Score Std. Dev:** A measure of the range of variability. It measures the extent to which a faculty member's Average Score differs from all the scores in the faculty member's evaluation. The smaller the standard deviation, the greater the robustness of the number given as average.
4. **Dept Avg Score:**
   (a) the mean score of same activity type (Tutorial) within the department.
   (b) the mean score of same activity type (Tutorial), at the same module level (level 1000) within the department.
5. **Fac. Avg Score:**
   (c) the mean score of same activity type (Tutorial) within the faculty.
   (d) the mean score of same activity type (Tutorial), at the same module level (level 1000) within the faculty.
Frequency Distribution of responses (Qn 1: The teacher has enhanced my thinking ability.)

<table>
<thead>
<tr>
<th>ITEM\SCORE</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self</td>
<td>49 (73.13%)</td>
<td>17 (25.37%)</td>
<td>1 (1.49%)</td>
<td>0 (.00%)</td>
<td>0 (.00%)</td>
</tr>
<tr>
<td>Teachers teaching all Modules of the Same Activity Type (Lecture), at the same level within Department</td>
<td>241 (40.50%)</td>
<td>275 (46.22%)</td>
<td>70 (11.76%)</td>
<td>5 (.84%)</td>
<td>4 (.67%)</td>
</tr>
<tr>
<td>Teachers teaching all Modules of the Same Activity Type (Tutorial), at the same level within Faculty</td>
<td>282 (39.39%)</td>
<td>335 (46.79%)</td>
<td>85 (11.87%)</td>
<td>7 (.98%)</td>
<td>7 (.98%)</td>
</tr>
<tr>
<td>Teachers teaching all Modules of the Same Activity Type (Lecture), at the same level within Faculty</td>
<td>73.13</td>
<td>46.22</td>
<td>11.76</td>
<td>.84</td>
<td>.67</td>
</tr>
</tbody>
</table>
Frequency Distribution of responses (Qn 2: The teacher has increased my interest in the subject.)

<table>
<thead>
<tr>
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<th>5</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self</td>
<td>41 (61.19%)</td>
<td>21 (31.34%)</td>
<td>4 (5.97%)</td>
<td>1 (1.49%)</td>
<td>0 (.00%)</td>
</tr>
<tr>
<td>Teachers teaching all Modules of the Same Activity Type (Tutorial), at the same level within Department</td>
<td>223 (37.48%)</td>
<td>260 (43.70%)</td>
<td>100 (16.81%)</td>
<td>9 (1.51%)</td>
<td>3 (.50%)</td>
</tr>
<tr>
<td>Teachers teaching all Modules of the Same Activity Type (Tutorial), at the same level within Faculty</td>
<td>261 (36.45%)</td>
<td>323 (45.11%)</td>
<td>113 (15.78%)</td>
<td>14 (1.96%)</td>
<td>5 (.70%)</td>
</tr>
</tbody>
</table>
Frequency Distribution of responses (Qn 3: The teacher provided timely and useful feedback.)

<table>
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<tr>
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<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self</td>
<td>50 (74.63%)</td>
<td>15 (22.39%)</td>
<td>2 (2.99%)</td>
<td>0 (.00%)</td>
<td>0 (.00%)</td>
</tr>
<tr>
<td>Teachers teaching all Modules of the Same Activity Type (Tutorial), at the same level within Department</td>
<td>272 (45.87%)</td>
<td>248 (41.82%)</td>
<td>64 (10.79%)</td>
<td>5 (.84%)</td>
<td>4 (.67%)</td>
</tr>
<tr>
<td>Teachers teaching all Modules of the Same Activity Type (Tutorial), at the same level within Faculty</td>
<td>321 (44.96%)</td>
<td>303 (42.44%)</td>
<td>79 (11.06%)</td>
<td>6 (.84%)</td>
<td>5 (.70%)</td>
</tr>
</tbody>
</table>
What are the teacher's strengths? (49 comments)
Comments from students who gave an average score greater than or equal to 4.5 for the computed overall effectiveness of the teacher

1. -
2. - rigorous tutor, forces students to discuss in class and scrutinize concepts well. - very good interaction between tutor and class, making for a very engaging tutorial. - does not spoon feed answers, which is good as it forces us to think for ourselves. He does, however, provide more than sufficient guidance.
3. 1) Very passionate about the subject. 2) Replies promptly to all forum posts & emails 3) Always willing to give extra help / consultations 4) Strict but cares about students' preparing for tutorials beforehand
4. Able to explain concepts clearly.
5. Able to help us enhance the understanding of lectures
6. Able to interact with students well
7. Able to teach straight to the point and understands students' confusion. Once a question is asked, he can answer them immediately. Able to understand students' needs and very attentive to our queries. Dedicated to helping us as much as he can.
8. Cares about student's learning progress
9. Cares about students, explains concepts well. Holds optional help sessions out of own goodwill
10. Caring and knows his stuff very very well. ask thought provoking questions often.
11. Checks students understanding well and encourages participation, independence and responsibility. Provides good summary of key points of lectures. Able to teach things simply and within the 1 hour constraint. Willing to put in the effort to help students by actively replying in forum discussions, holding make-up tutorials and help sessions.
12. Clear explanation, excellent grasp of the content being taught
13. Doesn't spoonfeed students with answer. Encourage us to engage more in tutorial by throwing questions for us to answer.
14. Engaging, knowledgeable, cares about student learning, passionate about teaching
15. Error: Stack overflow
16. He always delivered concepts in a clear and concise way. He usually discussed beyond the tutorial scope and revise about the topic with us during the tutorial. After attending his tutorial every week, I always have a deeper understanding about the topic.
17. He is knowledgeable about the subject. He doesn't feed answers to us, always prompts us to get to the answer. Replies quickly to emails, always happy to help. Organises help sessions for students to help clear
doubts. Always replies on the IVLE forum to students who need help.

18. He is very knowledgeable and helpful.

19. He is very responsible, he will email us when we missed tutorial. He teach clear and detail, interact with students, making sure everyone understands it.

20. He knows his stuff, is very passionate in teaching and tries his best to help everyone.

21. He really knows his content and is very good at explaining.

22. He sees everyone with the potential to score in the module. He knows his stuff very well. He teaches us primary-school students, which is good, although he require you to have some prior knowledge (this should be the case but I think quite a bit of students don't see it that way).

23. He super helpful, never declining questions from students. Replying to almost every post in the IVLE forum. He even let me take picture with him, super approachable

24. I am able to learn much more after going through his tutorial.

25. I think Ivan is a very good tutor who has a strong passion in sharing his knowledge for others. His strong understanding of the subject helps to strengthen students' understanding on the matter

26. Inspire us to learn more about this modules. Explain tutorials very well. Very responsible

27. Ivan is definitely one of the best tutors I've seen in my 4 years of uni and I feel very fortunate to be in his tutorial class! He is very knowledgeable and always provides us with lots of fresh insights towards a problem. I enjoyed going for tutorials every week because I get to learn things which I never knew I didn't know prior to tutorial. Ivan is also well prepared for class and is highly effective in his teaching, always emphasizing the important points and giving us a broad overview of the topic at the start of every lesson. Besides, I feel that he truly cares for his students. I'm really grateful for all the useful advices and help which he has given me. What I feel is the most valuable is his passion towards teaching and towards the subject, which is very inspiring to me! He works hard for us too, always being prompt in replying queries on the forum and of course in conducting help sessions, which I believe we all felt were useful and effective. Thank you for all your efforts this sem!

28. Knowledgeable and creative

29. Motivates his students to do tutorials in his own way

30. Probably THE best tutor in CS I've had so far although I've only done two CS mods including this. He teaches such that his students understand concepts. He answers almost any question, and puts in a lot of effort answering questions on the forum, etc. Any student taking CS1020, not being taught by him is genuinely losing out on an education.

31. So good at teaching...... So good at computing......

32. Spends extra time explaining concepts. He is extremely well versed in the core concepts he is teaching.

33. Very clever and clear explanation

34. Very concise and showers students with tough love

35. Very friendly and approachable, makes the students to be able to approach him easily. He is very very interactive during lessons, allowing students to voice out both correct and wrong answers and hence we know what will be happening during the module.

https://myaces.nus.edu.sg/nce/1516/stfproca1516
36. Very handsome

37. teacher who is very concerned on what his students will take away from his lessons. His explanations are very clear and his enthusiasm in the module can be seen

38. very detailed in-depth explanation

Comments from students who gave an average score greater than or equal 4.0 and less than 4.5 for the computed overall effectiveness of the teacher
1. He used visual aid to help me better understand the concepts.

2. Know the concept well.

3. Knows the subject really well, helps enhance students' understanding

4. Provide very clear explanations of tutorial questions. Give very clear explanations of the different concepts taught in the lecture.

5. The teacher knows his stuff.

6. explains clearly, cares strongly about student's learning

7. no

8. very solid. he pushes us to complete assignments, makes sure we do tutorials (else very scary), conducts really help(ful) sessions every week. Thanks to you, i have a little more faith in my ability to survive this subject. When i first entered the module, i felt pretty overwhelmed cos java syntax was new to me (i studied 1010s). I couldn't compile for the 1st two sit in, and i was so discouraged that i stopped working for this module all together. However, i just COULD NOT NOT do work for tutorials cos u were very scary. Then i started working for it more, passed my last two sit in with 65++ (which made me so happy imo), and got 75 for my PE. So really, really thank you for being such a dedicated, scary and steady tutor.

Comments from students who gave an average score greater than or equal 3.5 and less than 4.0 for the computed overall effectiveness of the teacher
1. Good summary of lecture notes and expand lots of related information. Very helpful

2. Well-prepared.

Comments from students who gave an average score greater than or equal 3.0 and less than 3.5 for the computed overall effectiveness of the teacher
1. Knowlegable.

What improvements would you suggest to the teacher? (37 comments)

Comments from students who gave an average score greater than or equal 3.0 and less than 3.5 for the computed overall effectiveness of the teacher
1. Very strict. I nearly dare not speak.

Comments from students who gave an average score greater than or equal 3.5 and less than 4.0 for the computed overall effectiveness of the teacher
1. Less strict to students, who might be a lit bit shy sometimes

Comments from students who gave an average score greater than or equal 4.0 and less than 4.5 for the computed overall effectiveness of the teacher
1. Don't get too agitated when students did not do tutorial.
2. Let them to have a chance to answer your question

3. Slow things down sometimes

4. Try not to be so short tempered when there's no response from students in answering a question.

5. Would be better if the teacher is less harsh on the students and keep an open mind before forming conclusions (about the students)

6. no

7. though i d love to ask you to be less scary, i realise u being scary actually helps.

Comments from students who gave an average score greater than or equal to 4.5 for the computed overall effectiveness of the teacher

1. -

2. -

3. 5 Seconds is not enough. 5 Seconds is not enough. 5 Seconds is not enough. 5 Seconds is not enough. 5 Seconds is not enough. 5 Seconds is not enough. 5 Seconds is not enough. 5 Seconds is not enough. 5 Seconds is not enough. 5 Seconds is not enough. 5 Seconds is not enough.

4. A bit too strict :)

5. Be less harsh on students and try to be more understanding of their circumstances.

6. Don't become a TA, just teach the entire module instead.

7. Hold tutorials twice a week, and ask to be paid extra

8. I think he has improve a lot in terms of patience so keep up the good work

https://myaces.nus.edu.sg/nce/1516/stfproca1516
9. I'm not sure about others but I think his way of teaching is good. I believe that there are students who are not very happy with his way. He can never satisfy both groups, so I think he continue his way of teaching.

10. Jumps into the tutorial questions a bit fast and when he talks more about the question, he expects students to be on the same page as him. I'd suggest he explain his train of thought more clearly, but that's just when he give supplementary thoughts in addition to the tutorial questions.

11. Keep on teaching!

12. Maybe you can be more gentle.

13. NIL

14. Nil

15. Occasionally when appropriate, you could spend a little less time on the easier questions and more on the harder ones.

16. Perhaps be less intimidating at the start of the Sem, as this is University after all, not High School :)

17. Please be slightly more gentle with your tone which could be harsh at times

18. Sometimes a bit intimidating, difficult to focus on the lesson. Should keep to tutorial timing, instead of overshooting.

19. Sometimes have to slow down and also not to have temperaments.

20. keep doing what you are doing

21. na

22. nil

23. nil.

24. none.

25. none. keep it up.

26. slow down the pace

27. stop being so handsome

28. teacher was quite hard to approach
STUDENTS’ NOMINATIONS FOR BEST TEACHING

Faculty Member: CHEW TECK MENG, IVAN
Department: COMPUTER SCIENCE
Faculty: SCHOOL OF COMPUTING
Academic Year: 2015/2016
Semester: 2
Module Code: CS1020
No of Nominations: 31

1. Knowledgeable about the module, engaging when teaching, goes to cover in depth during tutorials instead of just purely doing tutorial questions so that we get the full picture.
2. Responsible, approachable and knowledgeable
3. Master the course well. He is a part of the course
4. Full of dedication. Motivates students. Clear understanding of his subject material but also open to student's feedback.
5. Seriously, he's probably the best CS tutor there is.
6. IVAN TAN NUMBER 1 IVAN TAN NUMBER 1 IVAN TAN NUMBER 5 4 3 2 1 NEXT TOPIC...
7. 1) Ivan is very passionate about the subject. 2) He replies promptly to all forum posts & emails 3) He is always willing to give extra help / consultations 4) He is strict but cares about students' being prepared before every tutorial
8. He is a responsible teacher, i think he really puts in a lot of effort helping us and try to make us understand how to do it.
9. He should be a lecturer. Like seriously.
10. Teaches very well and i will always learn something under his tutelage.
11. He is super helpful, helping those students who dont have much computing foundation and stretching those who already have. Although he might seem fierce, he is actually very friendly and approachable. Almost most of the forum posts in IVLE has been constructively replied by ivan :)
12. Very knowledgeable and also able to teach and explain well.
13. Goes through the chapter before going through the tutorial, making sure that the student understands before going through the tutorial.
14. - rigorous tutor, forces students to discuss in class and to scrutinize concepts well. - very good interaction between tutor and class, making for a very engaging tutorial. - does not spoon feed answers, which is good as it forces us to think for ourselves. He does, however, provide more than sufficient guidance.
15. He is very helpful and responsible tutor.
16. Caring and dedicated to students, understanding and helpful when questions are asked. He understands what problems students usually face. He is knowledgeable and can explain very well.
17. his (scary) presence literally pulled me up from originally just wanting to SU this module
18. He wants the best for his students and tries his best to help them
19. Difficult concepts, simple and visual explanations. A visual person, hence makes things easy to understand when drawn out. Willing to spend time to engaged and teach students in need.
20. Really good at his work
21. Great teaching style. Ivan makes every students participate and think. I can get a lot of knowledge from a very short tutorial. Enjoy his class.
22. Very responsible