

TEACHER REPORT

| | |
|-------------------|--|
| Name of Teacher | TIAN XIAO |
| Module | CS2030-Programming Methodology II (LABORATORY) |
| Academic Year/Sem | 2022/2023 - SEM 2 |
| Department | COMPUTER SCIENCE |
| Faculty | SCHOOL OF COMPUTING |

| Raters | Student |
|----------------|---------|
| Responded | 16 |
| Invited | 18 |
| Response Ratio | 89% |

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 TIAN XIAO for teaching awards | 5 |

| Comment |
|--|
| - He provides timely and accurate explanation to our queries. |
| - He has made CS2030 manageable and fun! :-)) |
| - give this man an award |
| - Tian Xiao is very approachable and knowledgeable. |
| - He makes class engaging and insightful, allowing us to understand the concepts better. |

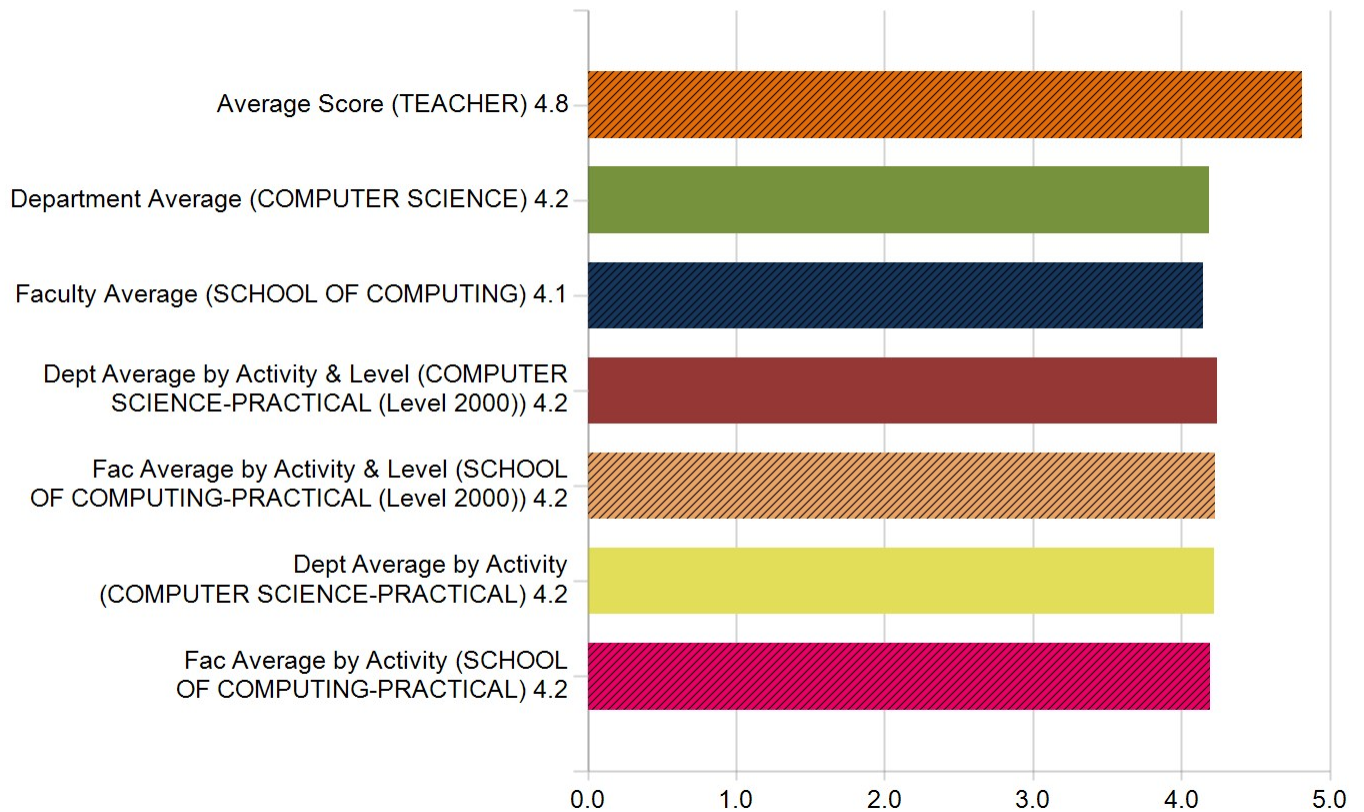
C. STUDENT FEEDBACK SCORES

(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. | 4.8 | 0.4 | 4.2 | 0.8 | 4.1 | 0.8 |

| Question | Average Score (TEACHER) | Dept Average by Activity & Level (COMPUTER SCIENCE-PRACTICAL (Level 2000)) | Fac Average by Activity & Level (SCHOOL OF COMPUTING-PRACTICAL (Level 2000)) | Dept Average by Activity (COMPUTER SCIENCE-PRACTICAL) | Fac Average by Activity (SCHOOL OF COMPUTING-PRACTICAL) |
|------------------------------------|-------------------------|--|--|---|---|
| | Mean | Mean | Mean | Mean | Mean |
| Overall, the teacher is effective. | 4.8 | 4.2 | 4.2 | 4.2 | 4.2 |

Overall, the teacher is effective



| 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. | 4.9 | 0.3 | 4.2 | 0.8 | 4.2 | 0.8 |
| The teacher provided timely and useful feedback. | 4.8 | 0.4 | 4.2 | 0.8 | 4.1 | 0.8 |
| The teacher has increased my interest in the subject. | 4.8 | 0.4 | 4.2 | 0.8 | 4.1 | 0.9 |
| Average of Q1-Q3 | 4.8 | 0.4 | 4.2 | - | 4.1 | - |

| Question | Average Score (TEACHER) | Dept Average by Activity & Level (COMPUTER SCIENCE-PRACTICAL (Level 2000)) | Fac Average by Activity & Level (SCHOOL OF COMPUTING-PRACTICAL (Level 2000)) | Dept Average by Activity (COMPUTER SCIENCE-PRACTICAL) | Fac Average by Activity (SCHOOL OF COMPUTING-PRACTICAL) |
|---|-------------------------|--|--|---|---|
| | Mean | Mean | Mean | Mean | Mean |
| The teacher has enhanced my thinking ability. | 4.9 | 4.2 | 4.2 | 4.2 | 4.2 |
| The teacher provided timely and useful feedback. | 4.8 | 4.3 | 4.3 | 4.3 | 4.2 |
| The teacher has increased my interest in the subject. | 4.8 | 4.2 | 4.2 | 4.2 | 4.1 |
| Average of Q1-Q3 | 4.8 | 4.2 | 4.2 | 4.2 | 4.2 |

Department Specific Questions

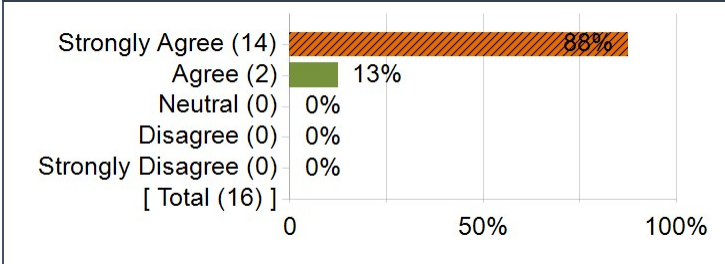
| Question | Average Score (TEACHER) | | Department Average (COMPUTER SCIENCE) | |
|---|-------------------------|--------------------|---------------------------------------|--------------------|
| | Mean | Standard Deviation | Mean | Standard Deviation |
| The teacher engaged me in useful interactions that have enhanced my learning. | 4.7 | 0.5 | 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. | 4.8 | 0.4 | 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. | 4.8 | 0.4 | 4.2 | 0.8 |

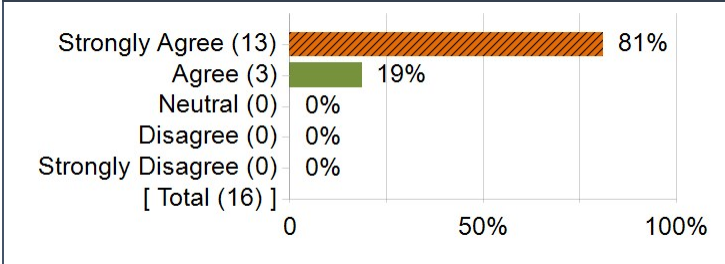
(ii) Distribution of Responses and Additional Statistics

1. The teacher has enhanced my thinking ability.



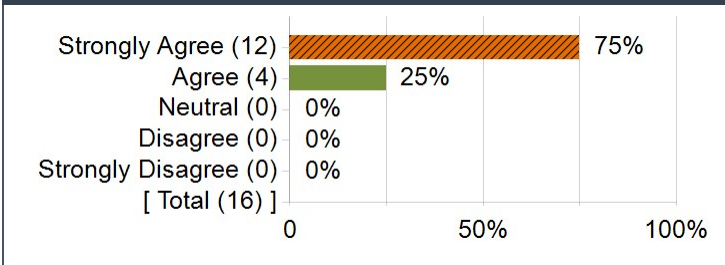
| Statistics | Value |
|--------------------|-------|
| Response Count | 16 |
| Mean | 4.9 |
| Median | 5.0 |
| Mode | 5 |
| 80th Percentile | 5.0 |
| Standard Deviation | 0.3 |
| Positive Feedback | 100% |

2. The teacher provided timely and useful feedback.



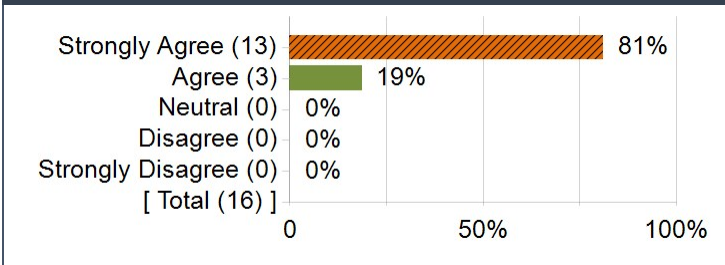
| Statistics | Value |
|--------------------|-------|
| Response Count | 16 |
| Mean | 4.8 |
| Median | 5.0 |
| Mode | 5 |
| 80th Percentile | 5.0 |
| Standard Deviation | 0.4 |
| Positive Feedback | 100% |

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



| Statistics | Value |
|--------------------|-------|
| Response Count | 16 |
| Mean | 4.8 |
| Median | 5.0 |
| Mode | 5 |
| 80th Percentile | 5.0 |
| Standard Deviation | 0.4 |
| Positive Feedback | 100% |

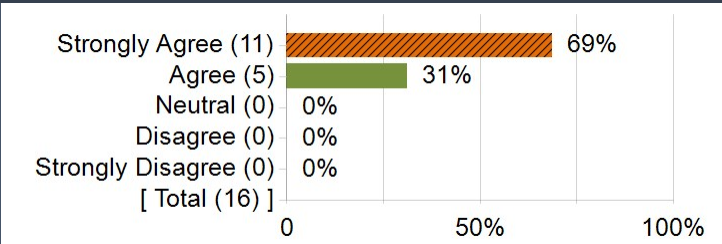
4. Overall, the teacher is effective.



| Statistics | Value |
|--------------------|-------|
| Response Count | 16 |
| Mean | 4.8 |
| Median | 5.0 |
| Mode | 5 |
| 80th Percentile | 5.0 |
| Standard Deviation | 0.4 |
| Positive Feedback | 100% |

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

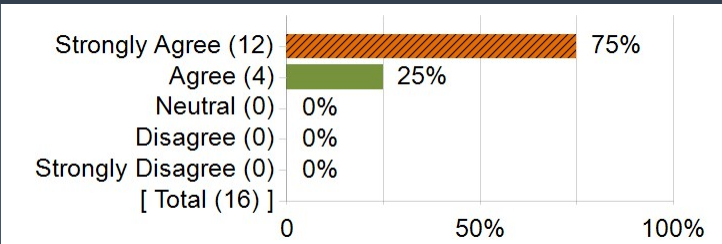
The teacher engaged me in useful interactions that have enhanced my learning.



| Statistics | Value |
|--------------------|-------|
| Response Count | 16 |
| Mean | 4.7 |
| Median | 5.0 |
| Mode | 5 |
| 80th Percentile | 5.0 |
| Standard Deviation | 0.5 |
| Positive Feedback | 100% |

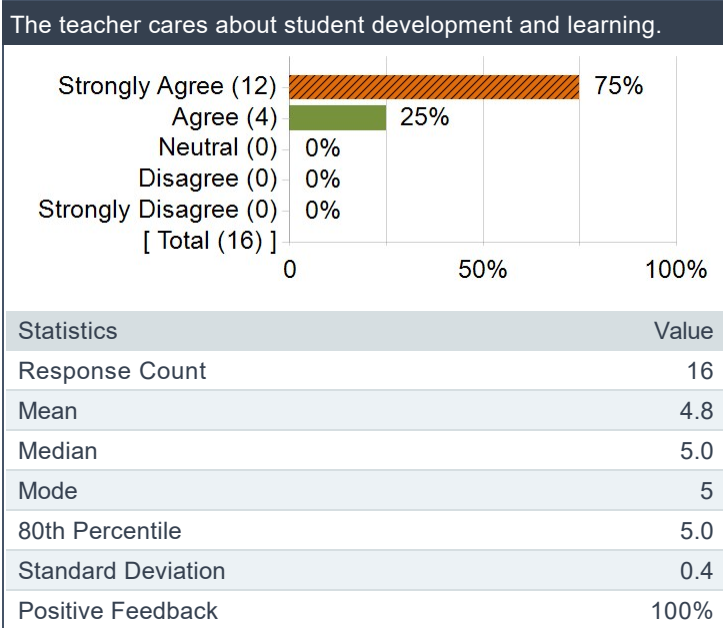
The teacher's attitude and approach encouraged me to think and work in a creative and independent way.

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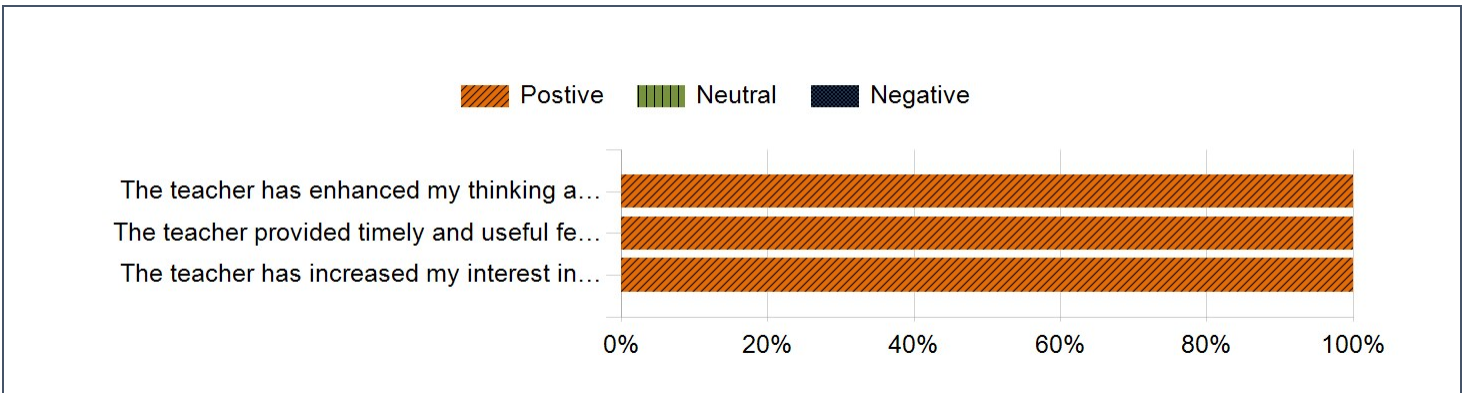


| Statistics | Value |
|--------------------|-------|
| Response Count | 16 |
| Mean | 4.8 |
| Median | 5.0 |
| Mode | 5 |
| 80th Percentile | 5.0 |
| Standard Deviation | 0.4 |
| Positive Feedback | 100% |

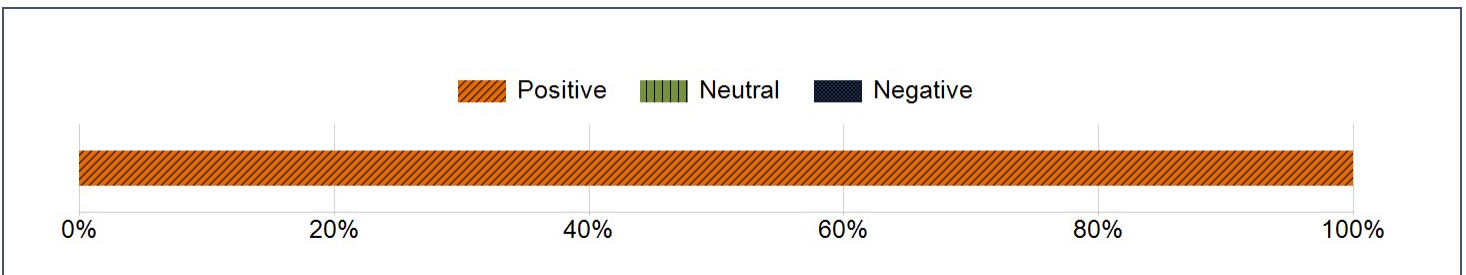
The teacher cares about student development and learning.



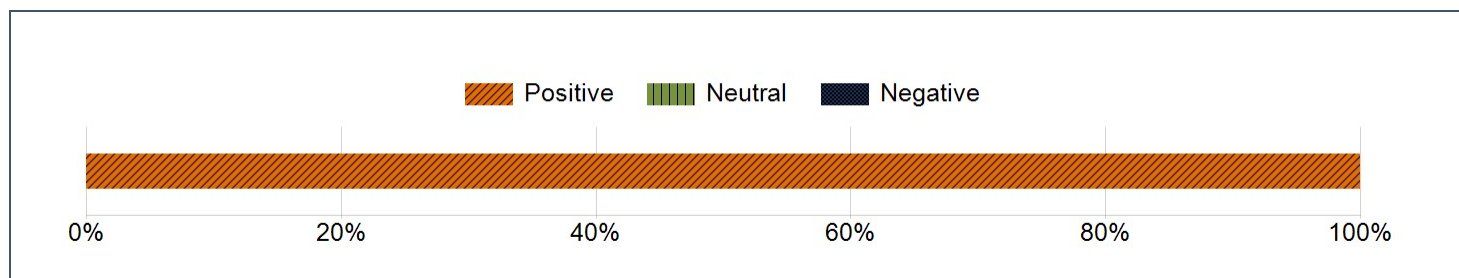
(iii) Scale Distribution of Responses



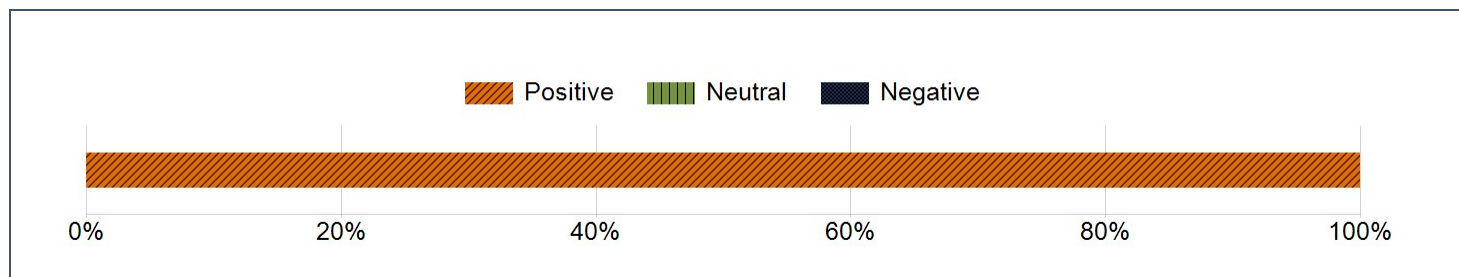
The teacher engaged me in useful interactions that have enhanced my learning.



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. | 4.9 | 4.7 | 4.9 |
| The teacher provided timely and useful feedback. | 4.9 | 4.3 | 4.8 |
| The teacher has increased my interest in the subject. | 4.8 | 4.3 | 4.8 |

D. STRENGTHS

What are TIAN XIAO's strengths?

| Comments |
|---|
| he is incredibly proactive and responsive when it comes to helping his students |
| He was innovative in using online quizzes to test our understanding of confusing concepts like bounded wildcards and streams, and increased in difficulty as the quiz progressed. This was an interesting departure from just looking at slides. He also goes beyond his responsibilities to create consolidated notes that are very helpful to refer to during revision. |
| He is able to explain things well, and sets up great pollev questions to strengthen our understanding |
| Quizzes every time to do a reality check on how much we dont understand, allows us to reflect on what we overassumed |
| Very capable and knowledgeable about the topic and is able to offer help a lot. Very reliable and contactable as a TA too. |
| really patient and helpful |
| Tian Xiao uses an interactive teaching approaches such as pollev to teach us concepts which I found to be really useful. He is also very approachable and knowledgeable. |
| Prepares extra slides & pollev quizzes to reinforce our understanding of relevant concepts |
| provides usefl learning materials that aids learning |
| helpful even outside of lab, always giving extra resources for revision. |
| very quick to reply messages with questions about the labs, very knowledgeable about his content |

E. AREAS FOR IMPROVEMENT

What improvements would you suggest to TIAN XIAO?

| Comments |
|----------|
| nil |
| NA |
| NIL |
| NIL |
| nilk |
| - |
| NA |
| NIL |

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?