THE UNIVERSITY OF BRITISH COLUMBIA

2024-25 Winter Term 2 UBC-O Individual TA Report for ENGR_O 320-T2B - Electromechanical Devices (Jared Paull)

Project Title: **2024-25 Winter Term 2 UBC-O TA SEI Surveys**

Course Audience: **47**
Responses Received: **5**
Response Ratio: **11%**

Report Comments

Recommended Minimum Response Rates

Class Size	Recommended Minimum Response Rates based on 80% confidence & ± 10% margin
< 10	75%
11 - 19	65%
20 - 34	55%
35 - 49	40%
50 - 74	35%
75 - 99	25%
100 - 149	20%
150 - 299	15%
300 - 499	10%
> 500	5%

Legend

N: Invited
n: Responded

Frequency Distribution
SD: Strongly Disagree

UBCO Student Experience of Instruction

D: Disagree
N: Neutral
A: Agree
SA: Strongly Agree

Creation Date: **Wednesday, May 7, 2025**

Detailed Results

For statistical purposes only, please indicate whether you are taking this course as

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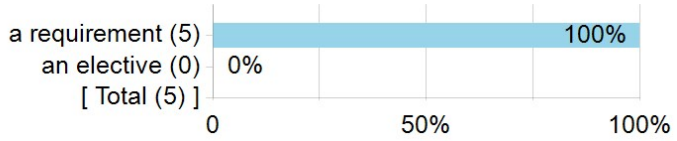
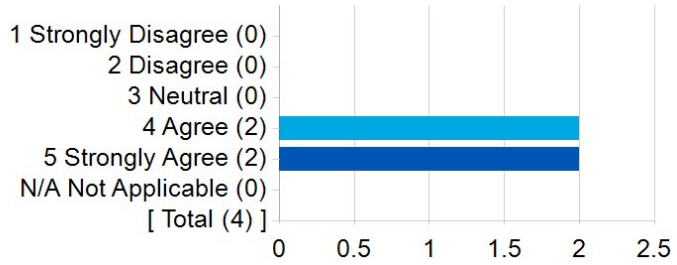
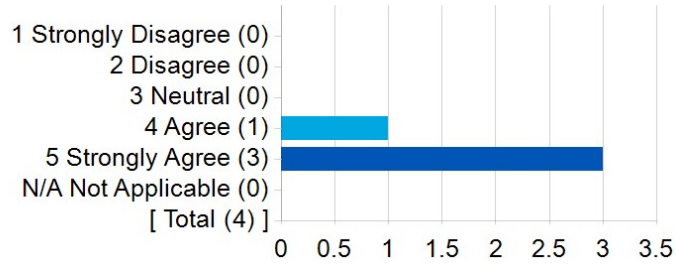


TA Questions

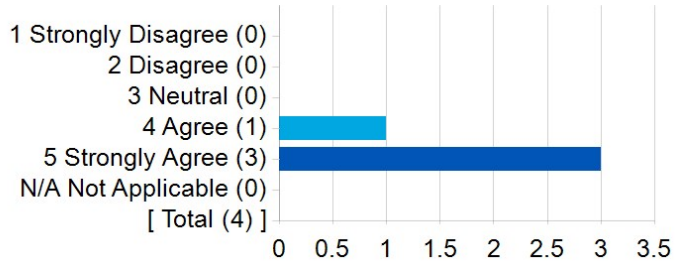
1. The TA treats students with respect.



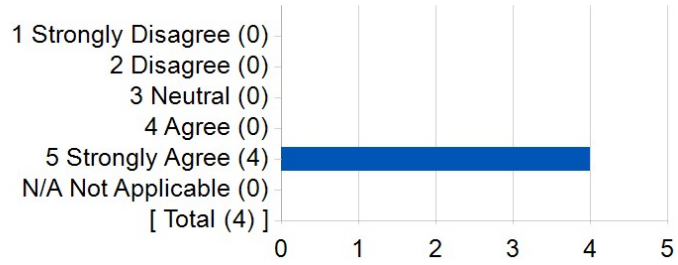
2. The TA communicates clearly and effectively.



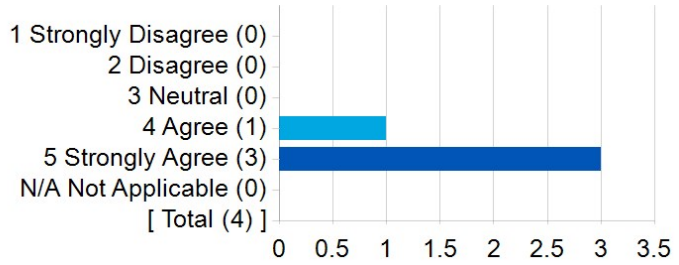
3. The TA facilitates discussion of the course material and course concepts.



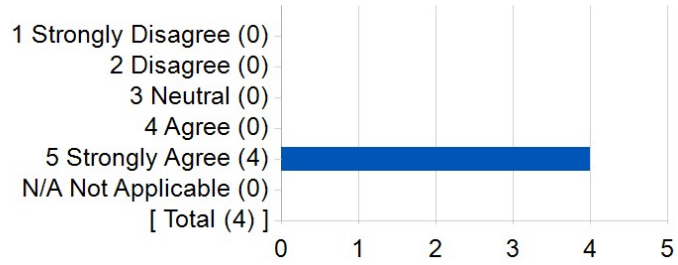
4. The TA helps me better understand course content.



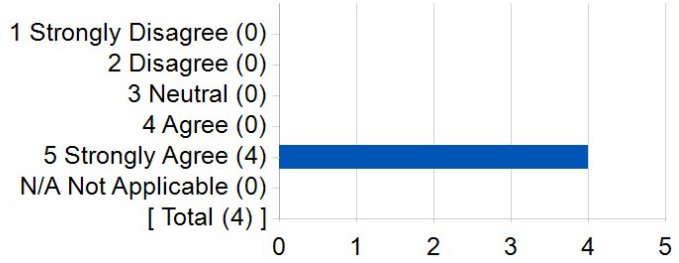
5. The TA responds effectively to questions.



6. The TA is well prepared.



7. The TA has appropriate knowledge of the subject.



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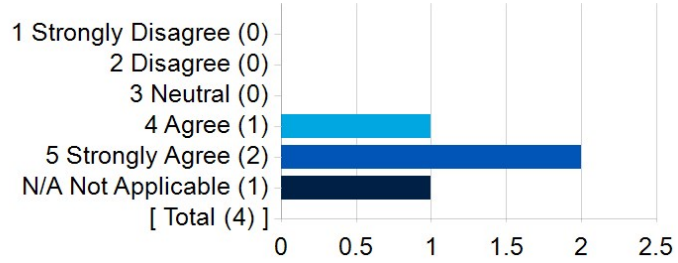

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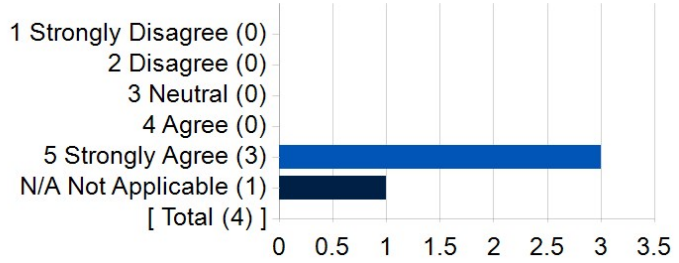
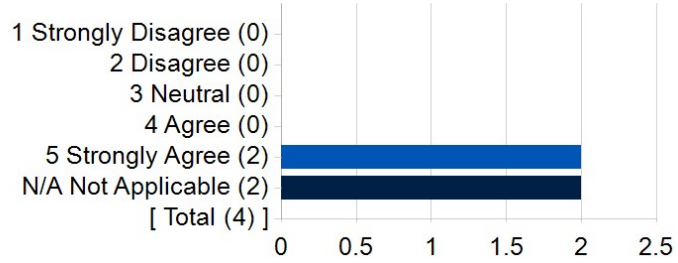


10. The TA marks assignments fairly.



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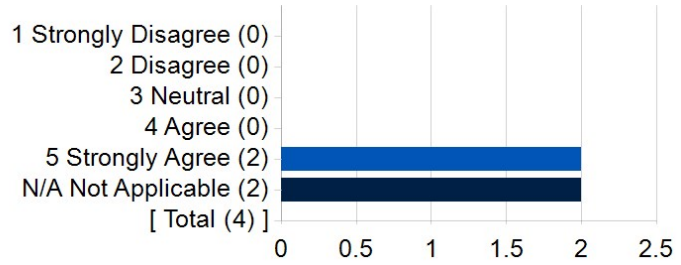
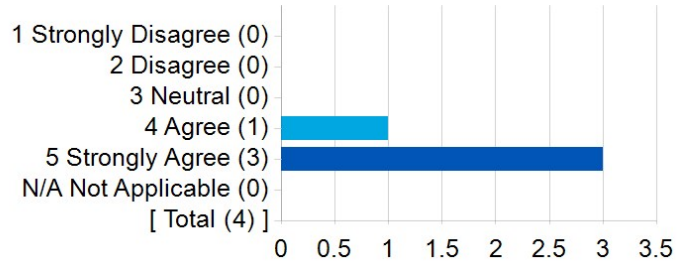


12. Overall, the TA is effective in helping students learn.



Question	N	n	SD	D	N	A	SA	N/A	IM	DI
The TA treats students with respect.	47	4	0	0	0	2	2	0	4.5	0.3
The TA communicates clearly and effectively.	47	4	0	0	0	1	3	0	4.8	0.2
The TA facilitates discussion of the course material and course concepts.	47	4	0	0	0	1	3	0	4.8	0.2
The TA helps me better understand course content.	47	4	0	0	0	0	4	0	5.0	0.0
The TA responds effectively to questions.	47	4	0	0	0	1	3	0	4.8	0.2
The TA is well prepared.	47	4	0	0	0	0	4	0	5.0	0.0
The TA has appropriate knowledge of the subject.	47	4	0	0	0	0	4	0	5.0	0.0
The TA is available to discuss matters outside of class time.	47	4	0	0	0	1	2	1	4.8	0.2
The TA provides helpful feedback on student work.	47	4	0	0	0	0	3	1	5.0	0.0
The TA marks assignments fairly.	47	4	0	0	0	0	2	2	5.0	0.0
The TA returns assignments in a timely manner.	47	4	0	0	0	0	2	2	5.0	0.0
Overall, the TA is effective in helping students learn.	47	4	0	0	0	1	3	0	4.8	0.2

UBCO Student Experience of Instruction

Question	%Favourable
The TA treats students with respect.	100%
The TA communicates clearly and effectively.	100%
The TA facilitates discussion of the course material and course concepts.	100%
The TA helps me better understand course content.	100%
The TA responds effectively to questions.	100%
The TA is well prepared.	100%
The TA has appropriate knowledge of the subject.	100%
The TA is available to discuss matters outside of class time.	100%
The TA provides helpful feedback on student work.	100%
The TA marks assignments fairly.	100%
The TA returns assignments in a timely manner.	100%
Overall, the TA is effective in helping students learn.	100%

Open ended feedback

What has the Teaching Assistant done well?

Comments
– goes out of his way to prepare extra notes for tutorials – did a helpful review of content before diving into the tutorial question – had a few extra warm–up practice questions at the beginning
Pretty well everything. Very very clear explanations of topics and helped me understand content very well. Gave tests back on time and was overall very useful when it came to going over content before tests. Glad I had Jared for my tutorials.
He explains all the concepts from the ground up very clearly and efficiently. His critical thinking skills are superior, I would be happy to have him as a prof, even though Dr. Eberle is pretty good. He allowed me to understand what the equations meant, and they are no longer random equations in a cheat sheet that I have to remember how to use; I actually learn from him!
Jared was an awesome TA, he was well prepared in all tutorials with extra questions and note to help us understand the material!

How could the Teaching Assistant improve?

Comments
Nothing I can think of to improve. Well done Jared!
Some of the tutorials where not hosted by him and I could feel the difference, it would be great if he hosted all the tutorials.
Not much to improve, a very good TA

Explanatory Note

The reported metrics are as follows:

1. Percent Favourable Rating

This is the percentage of respondents who responded with a 4 or 5 (Agree or Strongly Agree) on a scale of 1 to 5.

2. Interpolated Median

The data collected for Student Experience of Instruction (SEI) are ordinal in nature, with a natural order (from 1 to 5). The usual measure of central tendency for ordinal data is the median (50% percentile). The Interpolated Median (IM) is an adjusted median that considers the number of responses less than the median, greater than the median and equal to the median. As such, IM reflects the distribution of students' responses.

Consider the following example:

Frequency Distribution

Response for University Module Item	Section 1	Section 2
5 = Strongly agree	5	5
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2 = Disagree	1	2
1 = Strongly disagree	0	1
Mean	3.8	3.8
Median	4.0	4.0
Interpolated Median	3.7	4.2
Percent favourable rating	53%	77%

3. Dispersion Index

The dispersion Index is a measure of variability suitable for ordinal data (Rampichini, Grilli & Petrucci 2004). This dispersion index has values between zero and 1. A zero dispersion index indicates that all students in the section gave the same rating. An index value of 1.0 is obtained when the class splits evenly between the two extreme values (Strongly Disagree & Strongly Agree), a very rare occurrence. In SEI data at UBC, the index rarely exceeds 0.85, and mostly for evaluations not meeting the recommended minimum response rate.

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2024-25 Winter Term 2 UBC-O Individual TA Report for ENGR_O 320-T2D - Electromechanical Devices (Jared Paull)

Project Title: **2024-25 Winter Term 2 UBC-O TA SEI Surveys**

Course Audience: **24**
Responses Received: **2**
Response Ratio: **8%**

Report Comments

Recommended Minimum Response Rates

Class Size	Recommended Minimum Response Rates based on 80% confidence & ± 10% margin
< 10	75%
11 - 19	65%
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Legend

N: Invited
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Frequency Distribution
SD: Strongly Disagree

UBCO Student Experience of Instruction

D: Disagree
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Creation Date: **Wednesday, May 7, 2025**

Detailed Results

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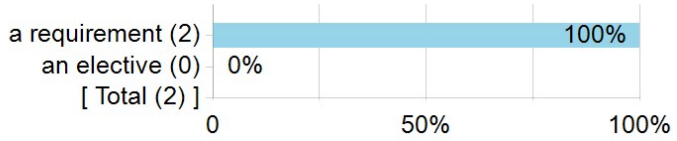

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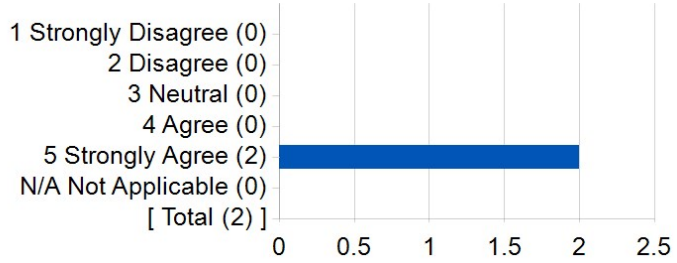

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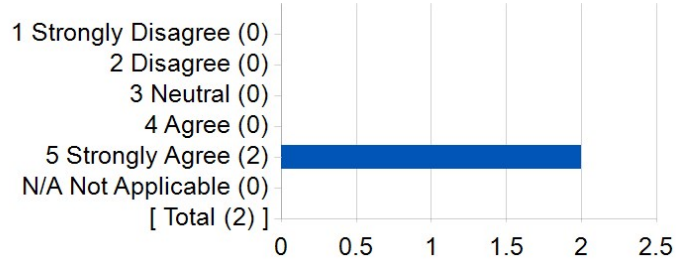

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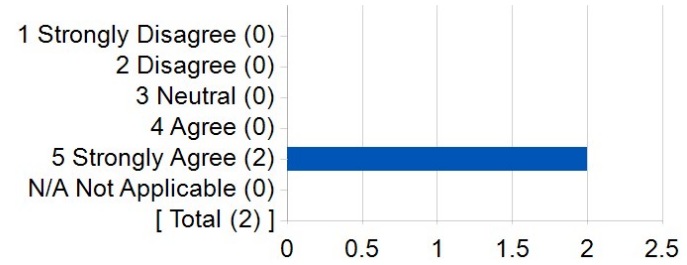

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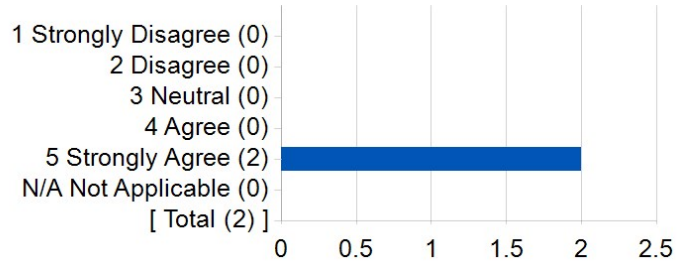

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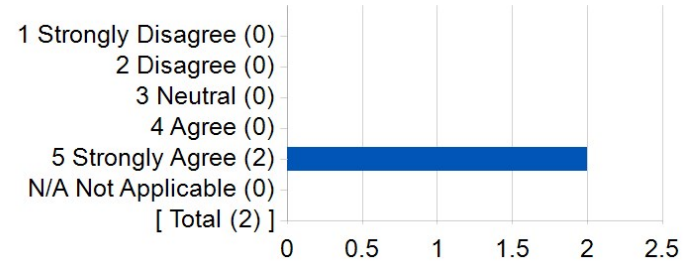

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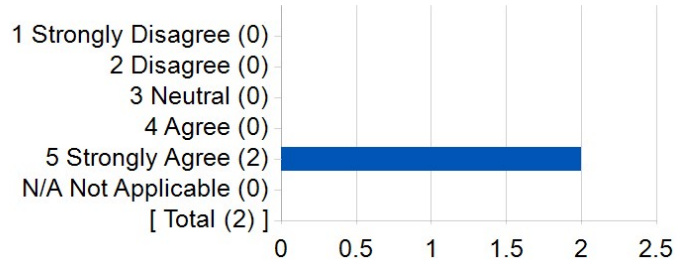

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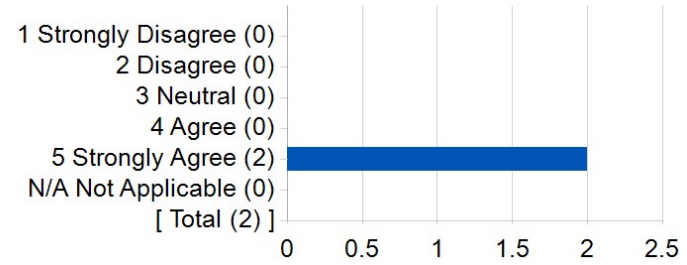

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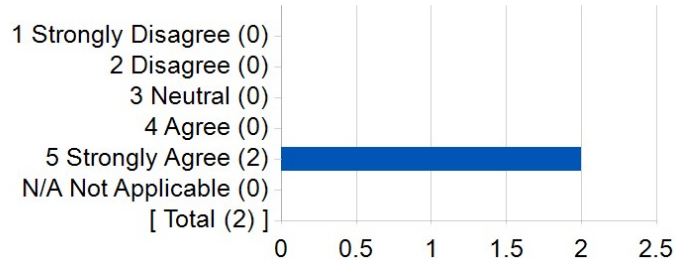

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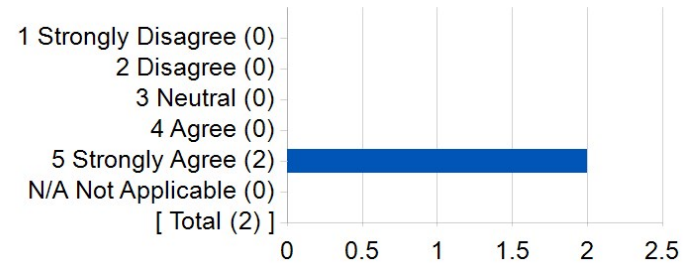

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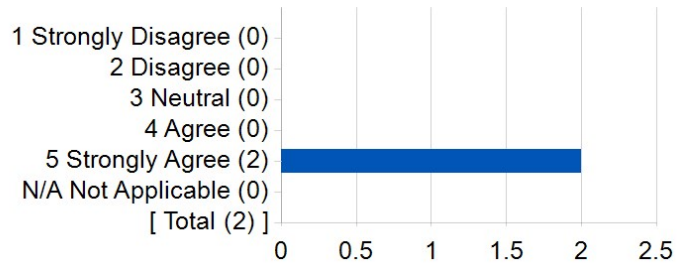
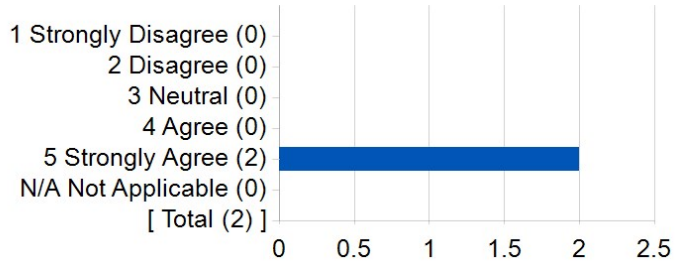
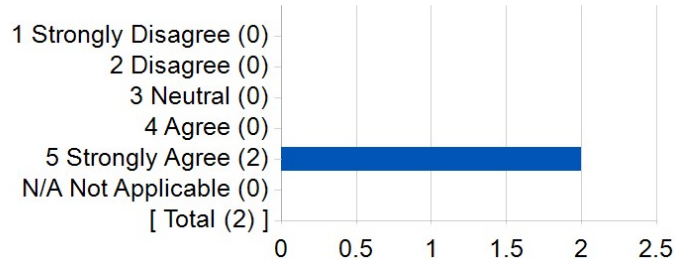


11. The TA returns assignments in a timely manner.



12. Overall, the TA is effective in helping students learn.



Question	N	n	SD	D	N	A	SA	N/A	IM	DI
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The TA communicates clearly and effectively.	24	2	0	0	0	0	2	0	5.0	0.0
The TA facilitates discussion of the course material and course concepts.	24	2	0	0	0	0	2	0	5.0	0.0
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The TA returns assignments in a timely manner.	24	2	0	0	0	0	2	0	5.0	0.0
Overall, the TA is effective in helping students learn.	24	2	0	0	0	0	2	0	5.0	0.0

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The TA returns assignments in a timely manner.	100%
Overall, the TA is effective in helping students learn.	100%

Open ended feedback

What has the Teaching Assistant done well?

Comments
Jared = GOAT
Jared was an awesome TA and honestly did everything really well. He explained concepts super clearly and always made sure everyone understood before moving on. He was super approachable and easy to ask questions to, and whenever anyone needed help he was more than willing to go over things until it made sense. You could tell he really cared about the students and wanted everyone to do well. Overall, Jared was a great TA and I have nothing but good things to say — did everything great and made the tutorials way easier to understand.

How could the Teaching Assistant improve?

Comments
NA
Cant think of anything.

Explanatory Note

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Project Title: **2024-25 Winter Term 2 UBC-O TA SEI Surveys**

Course Audience: **32**
Responses Received: **1**
Response Ratio: **3%**

Report Comments

Recommended Minimum Response Rates

Class Size	Recommended Minimum Response Rates based on 80% confidence & ± 10% margin
< 10	75%
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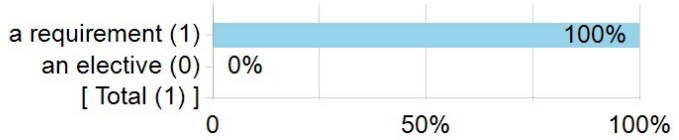

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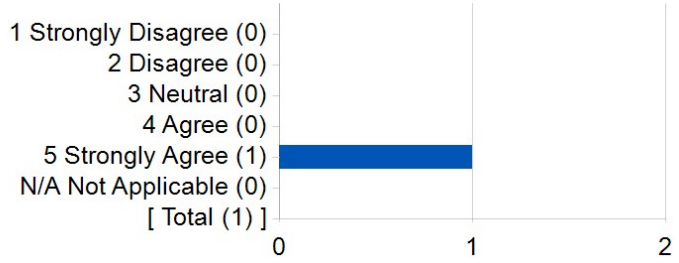

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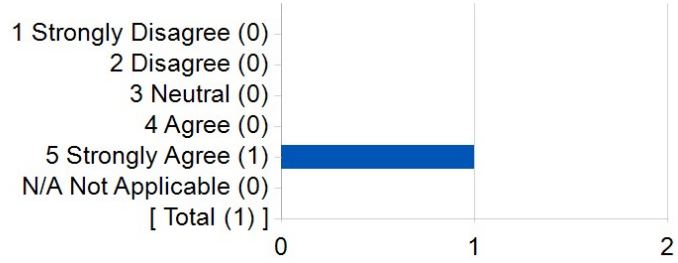

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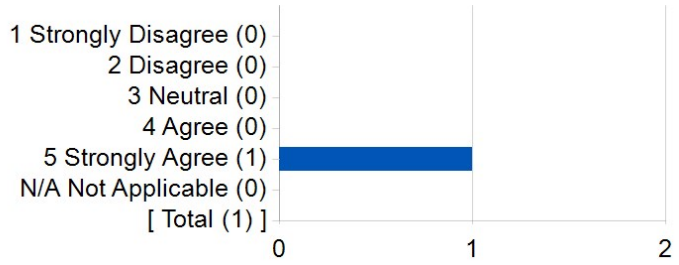
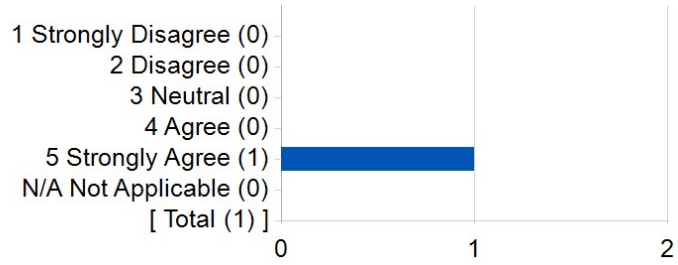
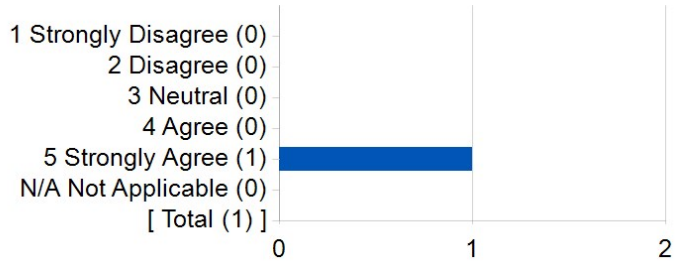


4. The TA helps me better understand course content.



5. The TA responds effectively to questions.



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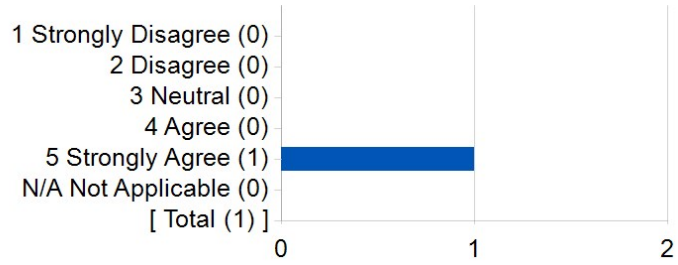

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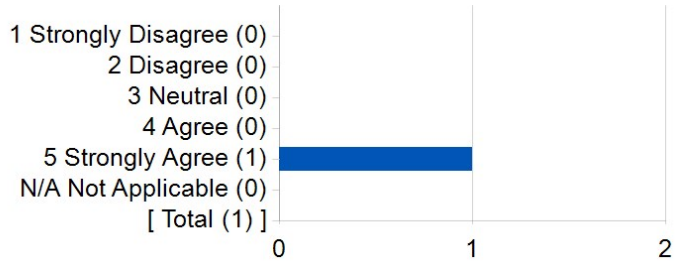

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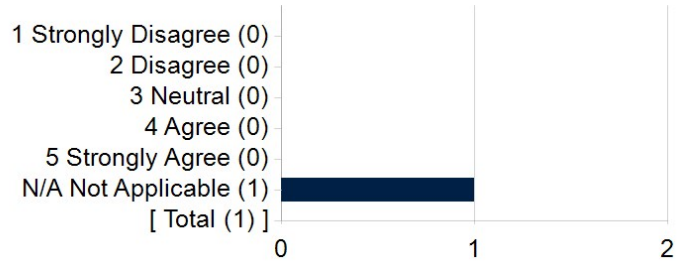

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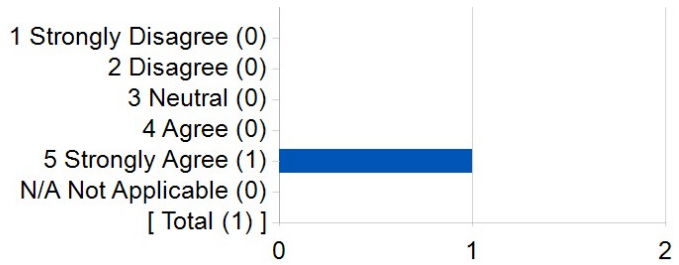
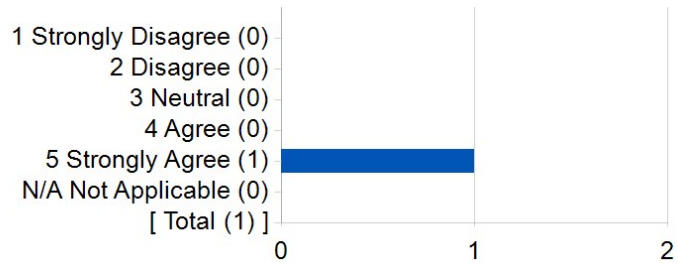
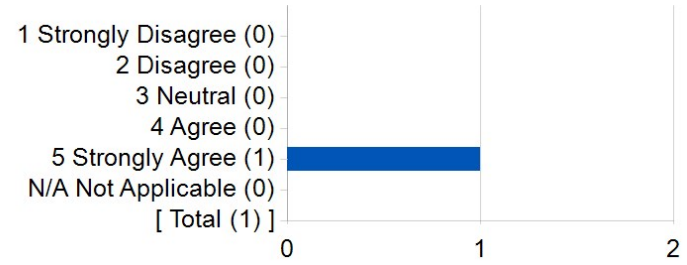


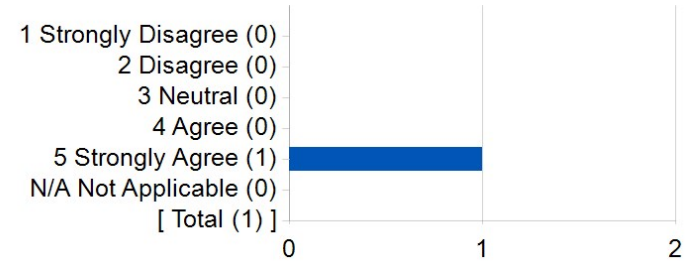
10. The TA marks assignments fairly.



11. The TA returns assignments in a timely manner.



12. Overall, the TA is effective in helping students learn.



Question	N	n	SD	D	N	A	SA	N/A	IM	DI
The TA treats students with respect.	32	1	0	0	0	0	1	0	5.0	0.0
The TA communicates clearly and effectively.	32	1	0	0	0	0	1	0	5.0	0.0
The TA facilitates discussion of the course material and course concepts.	32	1	0	0	0	0	1	0	5.0	0.0
The TA helps me better understand course content.	32	1	0	0	0	0	1	0	5.0	0.0
The TA responds effectively to questions.	32	1	0	0	0	0	1	0	5.0	0.0
The TA is well prepared.	32	1	0	0	0	0	1	0	5.0	0.0
The TA has appropriate knowledge of the subject.	32	1	0	0	0	0	1	0	5.0	0.0
The TA is available to discuss matters outside of class time.	32	1	0	0	0	0	0	1	N/A	N/A
The TA provides helpful feedback on student work.	32	1	0	0	0	0	1	0	5.0	0.0
The TA marks assignments fairly.	32	1	0	0	0	0	1	0	5.0	0.0
The TA returns assignments in a timely manner.	32	1	0	0	0	0	1	0	5.0	0.0
Overall, the TA is effective in helping students learn.	32	1	0	0	0	0	1	0	5.0	0.0

UBCO Student Experience of Instruction

Question	%Favourable
The TA treats students with respect.	100%
The TA communicates clearly and effectively.	100%
The TA facilitates discussion of the course material and course concepts.	100%
The TA helps me better understand course content.	100%
The TA responds effectively to questions.	100%
The TA is well prepared.	100%
The TA has appropriate knowledge of the subject.	100%
The TA is available to discuss matters outside of class time.	NRP
The TA provides helpful feedback on student work.	100%
The TA marks assignments fairly.	100%
The TA returns assignments in a timely manner.	100%
Overall, the TA is effective in helping students learn.	100%

Explanatory Note

The reported metrics are as follows:

1. Percent Favourable Rating

This is the percentage of respondents who responded with a 4 or 5 (Agree or Strongly Agree) on a scale of 1 to 5.

2. Interpolated Median

The data collected for Student Experience of Instruction (SEI) are ordinal in nature, with a natural order (from 1 to 5). The usual measure of central tendency for ordinal data is the median (50% percentile). The Interpolated Median (IM) is an adjusted median that considers the number of responses less than the median, greater than the median and equal to the median. As such, IM reflects the distribution of students' responses.

Consider the following example:

Frequency Distribution

Response for University Module Item	Section 1	Section 2
5 = Strongly agree	5	5
4 = Agree	3	5
3 = Neither agree nor disagree	6	0
2 = Disagree	1	2
1 = Strongly disagree	0	1
Mean	3.8	3.8
Median	4.0	4.0
Interpolated Median	3.7	4.2
Percent favourable rating	53%	77%

3. Dispersion Index

The dispersion Index is a measure of variability suitable for ordinal data (Rampichini, Grilli & Petrucci 2004). This dispersion index has values between zero and 1. A zero dispersion index indicates that all students in the section gave the same rating. An index value of 1.0 is obtained when the class splits evenly between the two extreme values (Strongly Disagree & Strongly Agree), a very rare occurrence. In SEI data at UBC, the index rarely exceeds 0.85, and mostly for evaluations not meeting the recommended minimum response rate.

2024-25 Winter Term 2 UBC-O Individual TA Report for ENGR_O 320-T2G - Electromechanical Devices (Jared Paull)

Project Title: **2024-25 Winter Term 2 UBC-O TA SEI Surveys**

Course Audience: **50**
Responses Received: **7**
Response Ratio: **14%**

Report Comments

Recommended Minimum Response Rates

Class Size	Recommended Minimum Response Rates based on 80% confidence & ± 10% margin
< 10	75%
11 - 19	65%
20 - 34	55%
35 - 49	40%
50 - 74	35%
75 - 99	25%
100 - 149	20%
150 - 299	15%
300 - 499	10%
> 500	5%

Legend

N: Invited
n: Responded

Frequency Distribution
SD: Strongly Disagree

UBCO Student Experience of Instruction

D: Disagree
N: Neutral
A: Agree
SA: Strongly Agree

Creation Date: **Wednesday, May 7, 2025**

Detailed Results

For statistical purposes only, please indicate whether you are taking this course as

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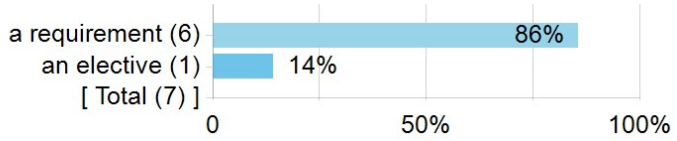
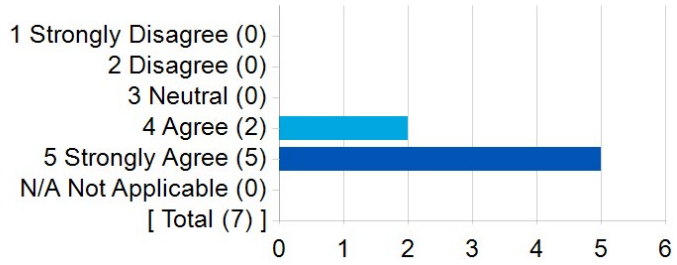
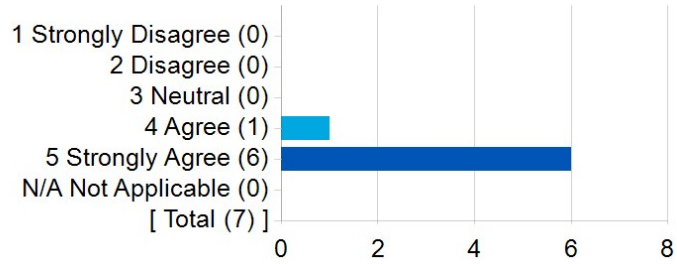


TA Questions

1. The TA treats students with respect.



2. The TA communicates clearly and effectively.



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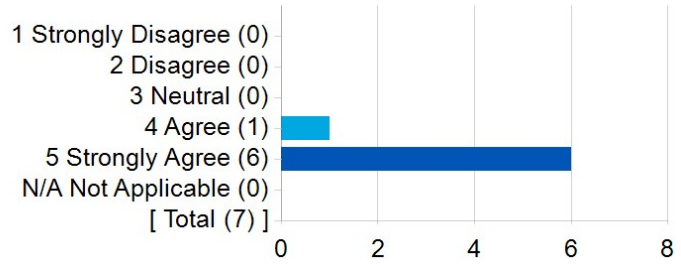
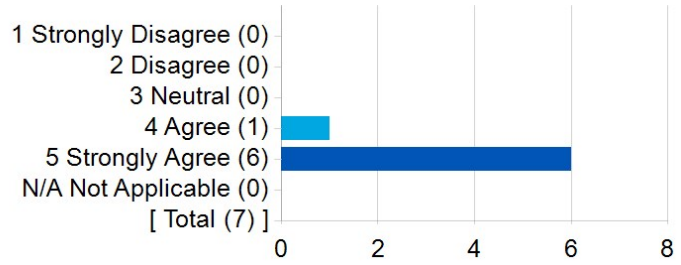
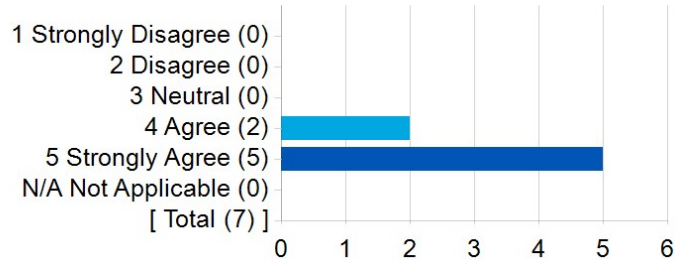


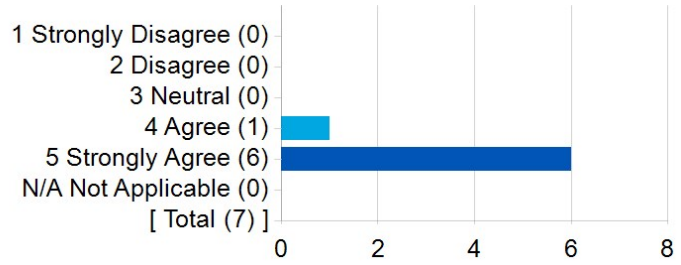
4. The TA helps me better understand course content.



5. The TA responds effectively to questions.



6. The TA is well prepared.



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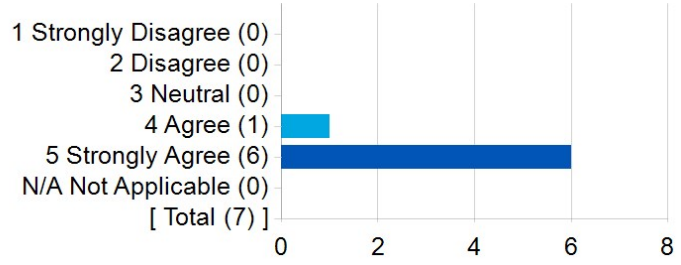

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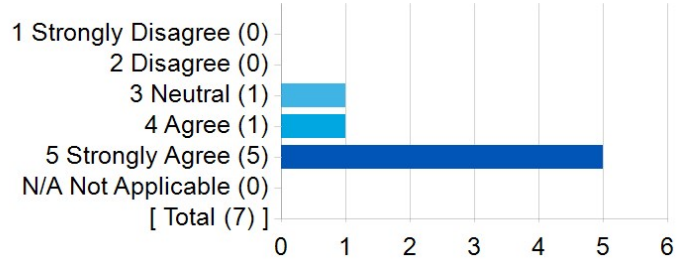

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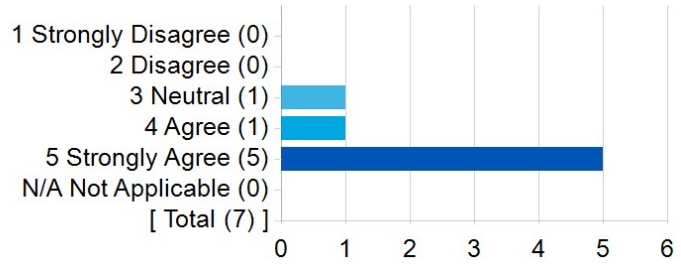
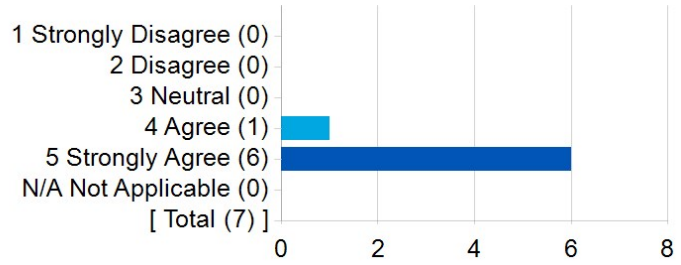
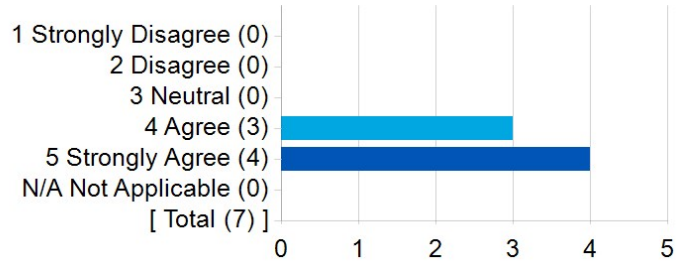


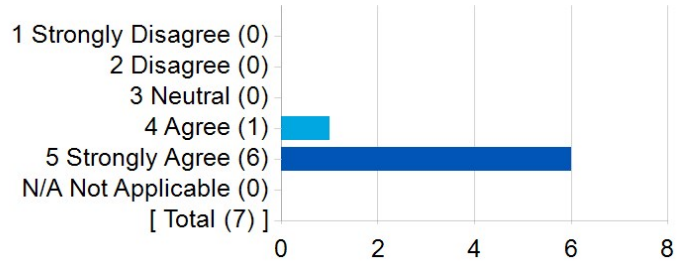
10. The TA marks assignments fairly.



11. The TA returns assignments in a timely manner.



12. Overall, the TA is effective in helping students learn.



Question	N	n	SD	D	N	A	SA	N/A	IM	DI
The TA treats students with respect.	50	7	0	0	0	2	5	0	4.8	0.2
The TA communicates clearly and effectively.	50	7	0	0	0	1	6	0	4.9	0.1
The TA facilitates discussion of the course material and course concepts.	50	7	0	0	0	1	6	0	4.9	0.1
The TA helps me better understand course content.	50	7	0	0	0	1	6	0	4.9	0.1
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The TA has appropriate knowledge of the subject.	50	7	0	0	0	1	6	0	4.9	0.1
The TA is available to discuss matters outside of class time.	50	7	0	0	1	1	5	0	4.8	0.3
The TA provides helpful feedback on student work.	50	7	0	0	1	1	5	0	4.8	0.3
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The TA returns assignments in a timely manner.	50	7	0	0	0	3	4	0	4.6	0.2
Overall, the TA is effective in helping students learn.	50	7	0	0	0	1	6	0	4.9	0.1

UBCO Student Experience of Instruction

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The TA responds effectively to questions.	100%
The TA is well prepared.	100%
The TA has appropriate knowledge of the subject.	100%
The TA is available to discuss matters outside of class time.	86%
The TA provides helpful feedback on student work.	86%
The TA marks assignments fairly.	100%
The TA returns assignments in a timely manner.	100%
Overall, the TA is effective in helping students learn.	100%

Open ended feedback

What has the Teaching Assistant done well?

Comments
I think that Jared does a really good job with the tutorials making his own tutorial notes that helps us first understand the content before jumping into tutorial questions. He is really good at promoting discussion in the class and giving feedback. He is overall a really good TA for this course.
Amazing TA that is always prepared and really knows his stuff. Really enjoy how he briefs us on all the theory and info we may need to help make sure we are all up to speed on the material. Overall, it is essentially the perfect TA teaching style.
Jared taught the tutorial session very well, as he made the concepts of electrical circuits easier for every student, the mechanical and electrical students alike. He facilitated students to help out in answering questions in a way that made the student comfortable to speak. Jared could be the most efficient and well spoken TA that I have had during my 3 years.
During his tutorials, he was able to explain the tutorial's content and also the modules very well, which helped me a lot in the preparation for both the midterms.

How could the Teaching Assistant improve?

Comments
Nothing, good as is.
For me personally, I don't think he needs to change anything.

Explanatory Note

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