



2024-25 Winter Term 1 UBC-O Individual TA Report for ENGR_O 458-201/ENGR_O 558-201(ENGR_O 458-201 - Power Electronics,ENGR_O 558-201 - Power Electronics) (Jared Paull)

Project Title: **2024-25 Winter Term 1 UBC-O TA SEI Surveys**

Course Audience: **105**
Responses Received: **17**
Response Ratio: **16%**

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

D: Disagree

N: Neutral

A: Agree

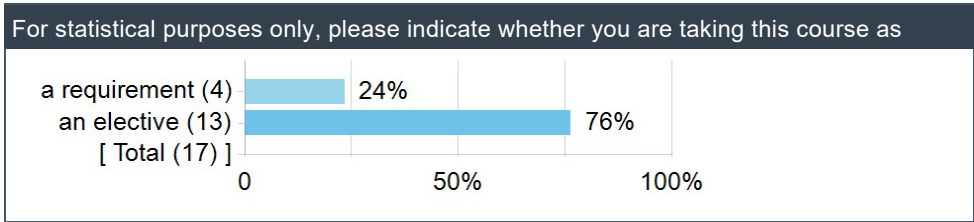
SA: Strongly Agree

Creation Date: Thursday, January 9, 2025

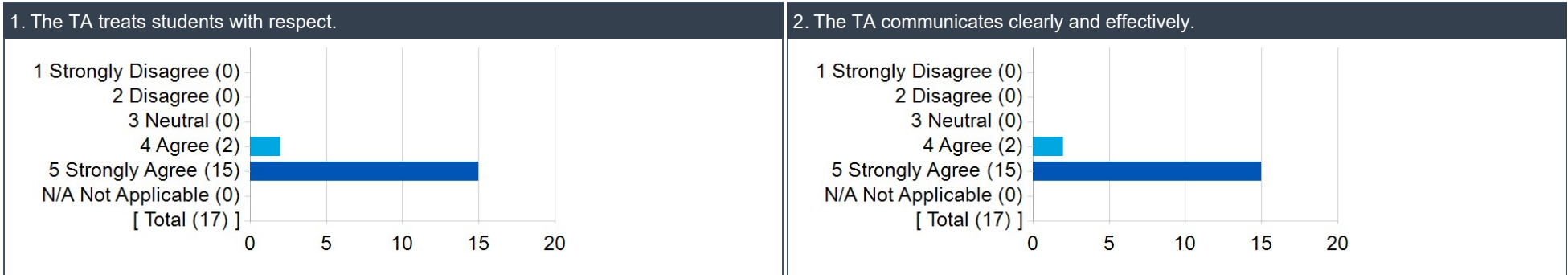


Detailed Results

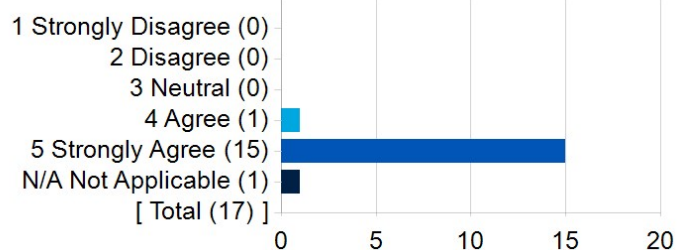
For statistical purposes only, please indicate whether you are taking this course as



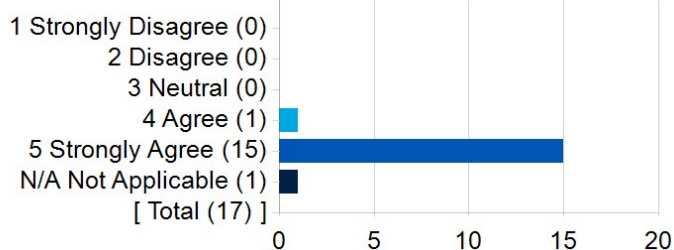
TA Questions



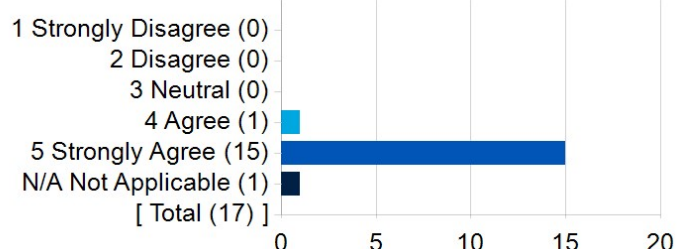
3. The TA facilitates discussion of the course material and course concepts.



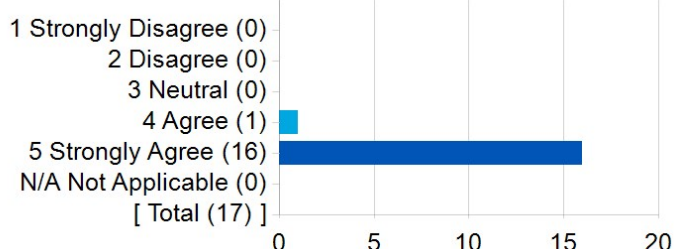
4. The TA helps me better understand course content.



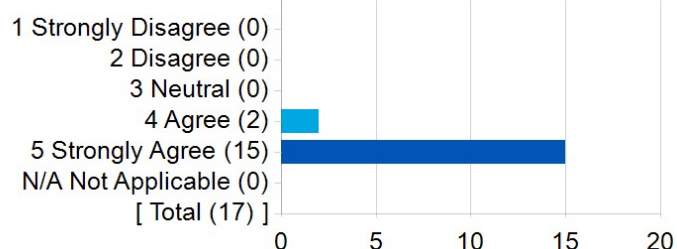
5. The TA responds effectively to questions.



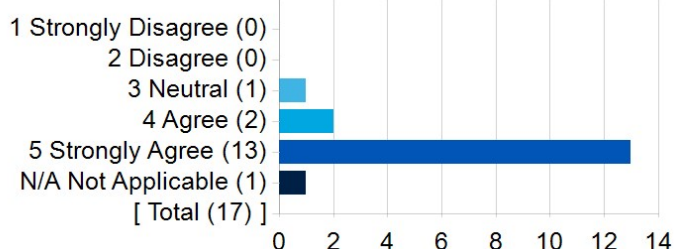
6. The TA is well prepared.



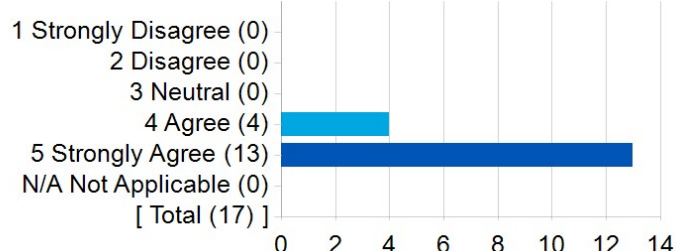
7. The TA has appropriate knowledge of the subject.



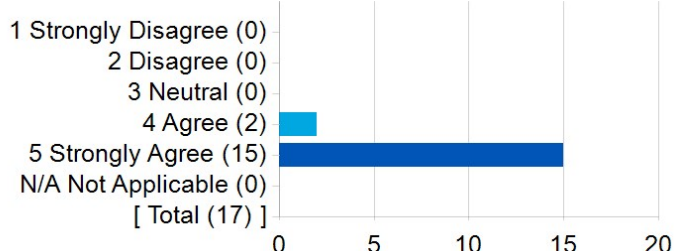
8. The TA is available to discuss matters outside of class time.



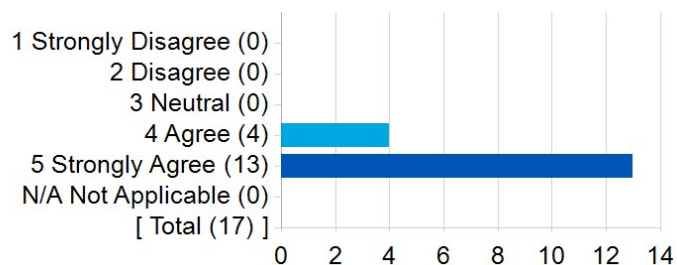
9. The TA provides helpful feedback on student work.



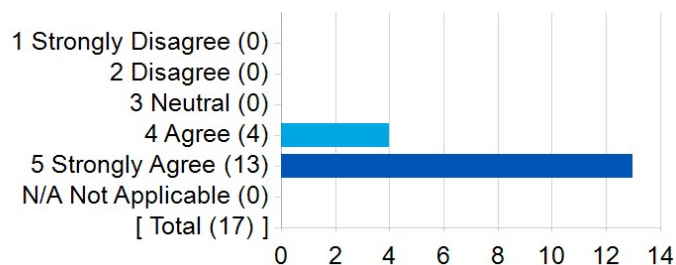
10. The TA marks assignments fairly.



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.	105	17	0	0	0	2	15	0	4.9	0.1
The TA communicates clearly and effectively.	105	17	0	0	0	2	15	0	4.9	0.1
The TA facilitates discussion of the course material and course concepts.	105	17	0	0	0	1	15	1	5.0	0.1
The TA helps me better understand course content.	105	17	0	0	0	1	15	1	5.0	0.1
The TA responds effectively to questions.	105	17	0	0	0	1	15	1	5.0	0.1
The TA is well prepared.	105	17	0	0	0	1	16	0	5.0	0.1
The TA has appropriate knowledge of the subject.	105	17	0	0	0	2	15	0	4.9	0.1
The TA is available to discuss matters outside of class time.	105	17	0	0	1	2	13	1	4.9	0.2
The TA provides helpful feedback on student work.	105	17	0	0	0	4	13	0	4.8	0.2
The TA marks assignments fairly.	105	17	0	0	0	2	15	0	4.9	0.1
The TA returns assignments in a timely manner.	105	17	0	0	0	4	13	0	4.8	0.2
Overall, the TA is effective in helping students learn.	105	17	0	0	0	4	13	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.	94%
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
N/A
especially with his feedback on the assignment
Jared was so patient on the lab sessions
great TA! gave me very helpful advices about lab instructions.

How could the Teaching Assistant improve?

Comments
N/A

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.