2023W2 UBCO Individual TA Report for ENGR 320 L2B - Electromechanical Devices (Jared Paull)

Project Title: **2023W2 UBCO TA SEI Surveys**

Course Audience: **9**
Responses Received: **4**
Response Ratio: **44%**

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: **Sunday, May 5, 2024**

Detailed Results

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

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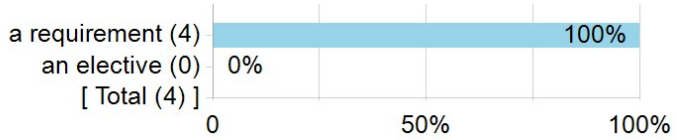
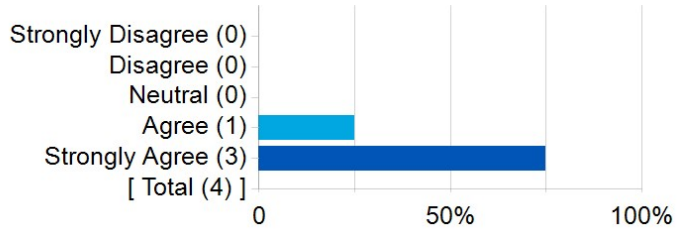
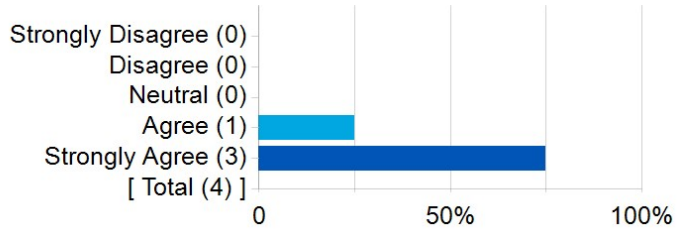


University Module Questions

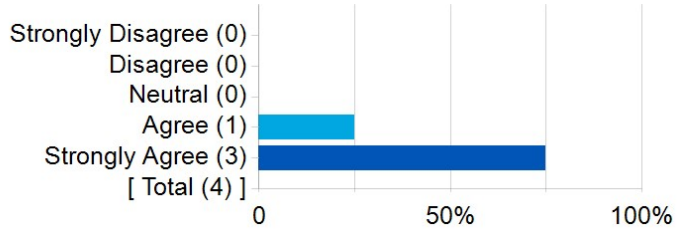
1. Throughout the term, the instructor explained course requirements so it was clear to me what I was expected to learn.



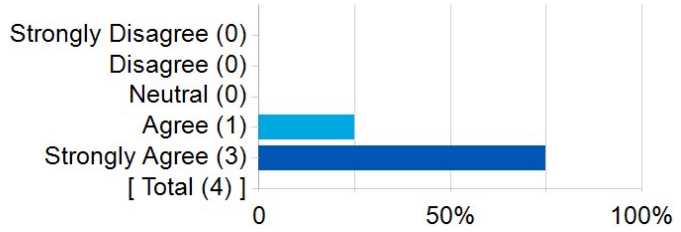
2. The instructor conducted this course in such a way that I was motivated to learn.



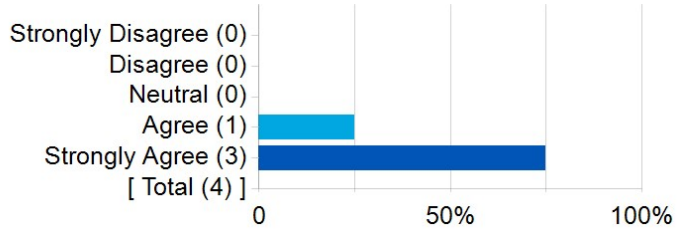
3. The instructor presented the course material in a way that I could understand.



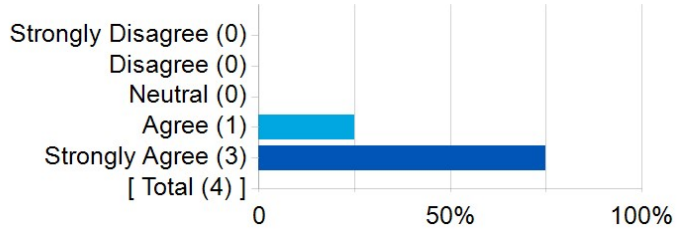
4. Considering the type of class (e.g., large lecture, seminar, studio), the instructor provided useful feedback that helped me understand how my learning progressed during this course.



5. The instructor showed genuine interest in supporting my learning throughout this course.



6. Overall, I learned a great deal from this instructor.

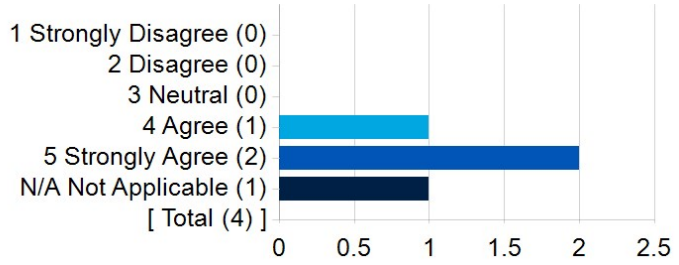


UBCO Student Experience of Instruction

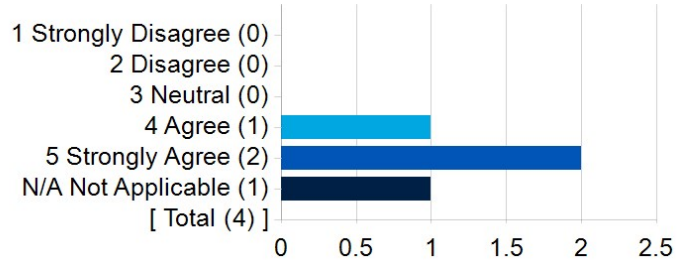
	N	n	SD	D	N	A	SA	IM	PF	DI
Throughout the term, the instructor explained course requirements so it was clear to me what I was expected to learn.	9	4	0	0	0	1	3	4.8	100%	0.2
The instructor conducted this course in such a way that I was motivated to learn.	9	4	0	0	0	1	3	4.8	100%	0.2
The instructor presented the course material in a way that I could understand.	9	4	0	0	0	1	3	4.8	100%	0.2
Considering the type of class (e.g., large lecture, seminar, studio), the instructor provided useful feedback that helped me understand how my learning progressed during this course.	9	4	0	0	0	1	3	4.8	100%	0.2
The instructor showed genuine interest in supporting my learning throughout this course.	9	4	0	0	0	1	3	4.8	100%	0.2
Overall, I learned a great deal from this instructor.	9	4	0	0	0	1	3	4.8	100%	0.2

Lab Questions

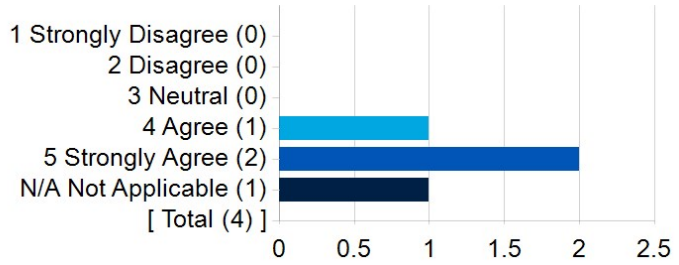
1. The laboratory materials/procedures were presented in a reasonable level of detail and clarity.



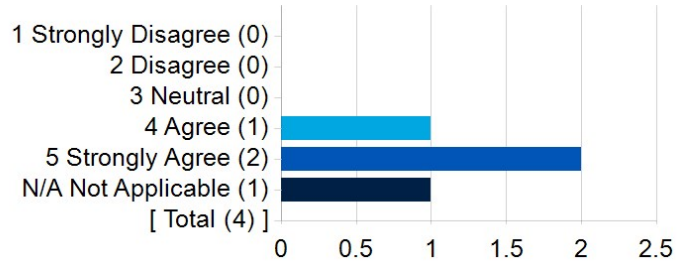
2. If applicable, I feel I was working in a safe laboratory environment.



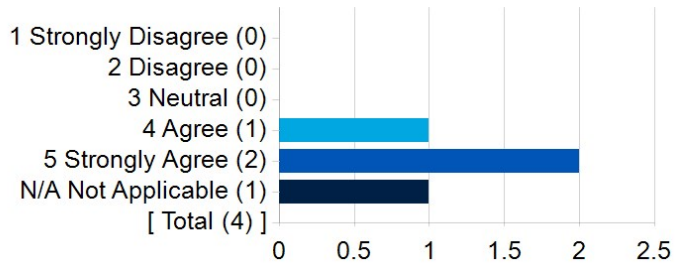
3. The expectations for assignments were clearly described to students.



4. The laboratory activities complemented and/or helped to increase my understanding of the course material.



5. I found the laboratory component of the course to be a valuable educational experience.



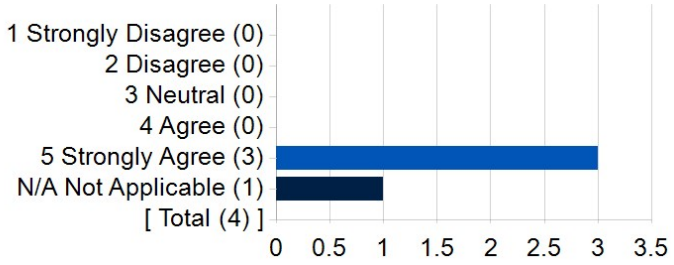
UBCO Student Experience of Instruction

Question	N	n	SD	D	N	A	SA	N/A	IM	DI
The laboratory materials/procedures were presented in a reasonable level of detail and clarity.	9	4	0	0	0	1	2	1	4.8	0.2
If applicable, I feel I was working in a safe laboratory environment.	9	4	0	0	0	1	2	1	4.8	0.2
The expectations for assignments were clearly described to students.	9	4	0	0	0	1	2	1	4.8	0.2
The laboratory activities complemented and/or helped to increase my understanding of the course material.	9	4	0	0	0	1	2	1	4.8	0.2
I found the laboratory component of the course to be a valuable educational experience.	9	4	0	0	0	1	2	1	4.8	0.2

Question	%Favourable
The laboratory materials/procedures were presented in a reasonable level of detail and clarity.	100%
If applicable, I feel I was working in a safe laboratory environment.	100%
The expectations for assignments were clearly described to students.	100%
The laboratory activities complemented and/or helped to increase my understanding of the course material.	100%
I found the laboratory component of the course to be a valuable educational experience.	100%

Lab Instructor Questions

I found my instructor in the laboratory to be very good.



Question	N	n	SD	D	N	A	SA	N/A	IM	DI
I found my instructor in the laboratory to be very good.	9	4	0	0	0	0	3	1	5.0	0.0

Question	%Favourable
I found my instructor in the laboratory to be very good.	100%

Open ended feedback

Do you have any suggestions for what the instructor could have done differently to further support your learning?

Comments
If possible, layout the topic plans for all tutorials at start of course. The material after the first midterm didn't get as much attention as it needed
Nope, Jared was super helpful and explained things super clearly

Please identify what you consider to be the strengths of this course.

Comments
Tutorials are a significant asset to this course, and sufficient practice is given to begin to develop an understanding of the material
Easy to follow along. Not scrambling to take notes. Good pacing

Please provide suggestions on how this course might be improved.

Comments
Questions test on knowledge of theory a lot more than formulae, would be better to first understand the meaning of formulae before applying to more complicated material

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.