

Project Title: 2022W2 UBCO TA SEI Surveys

Course Audience: 28  
Responses Received: 10  
Response Ratio: 36%

---

**Report Comments****Recommended Minimum Response Rates**

Class Size	Recommended Minimum Response Rates based on 80% confidence & $\pm 10\%$ 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%

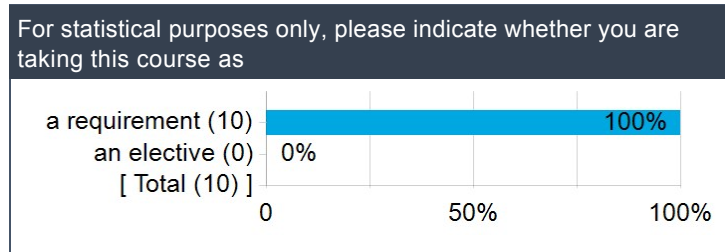
**Legend**N: Expected  
n: Responded**Frequency Distribution**SD: Strongly Disagree  
D: Disagree  
N: Neutral  
A: Agree  
SA: Strongly Agree  
N/A: Not applicable**Statistics**

IM: Interpolated Median

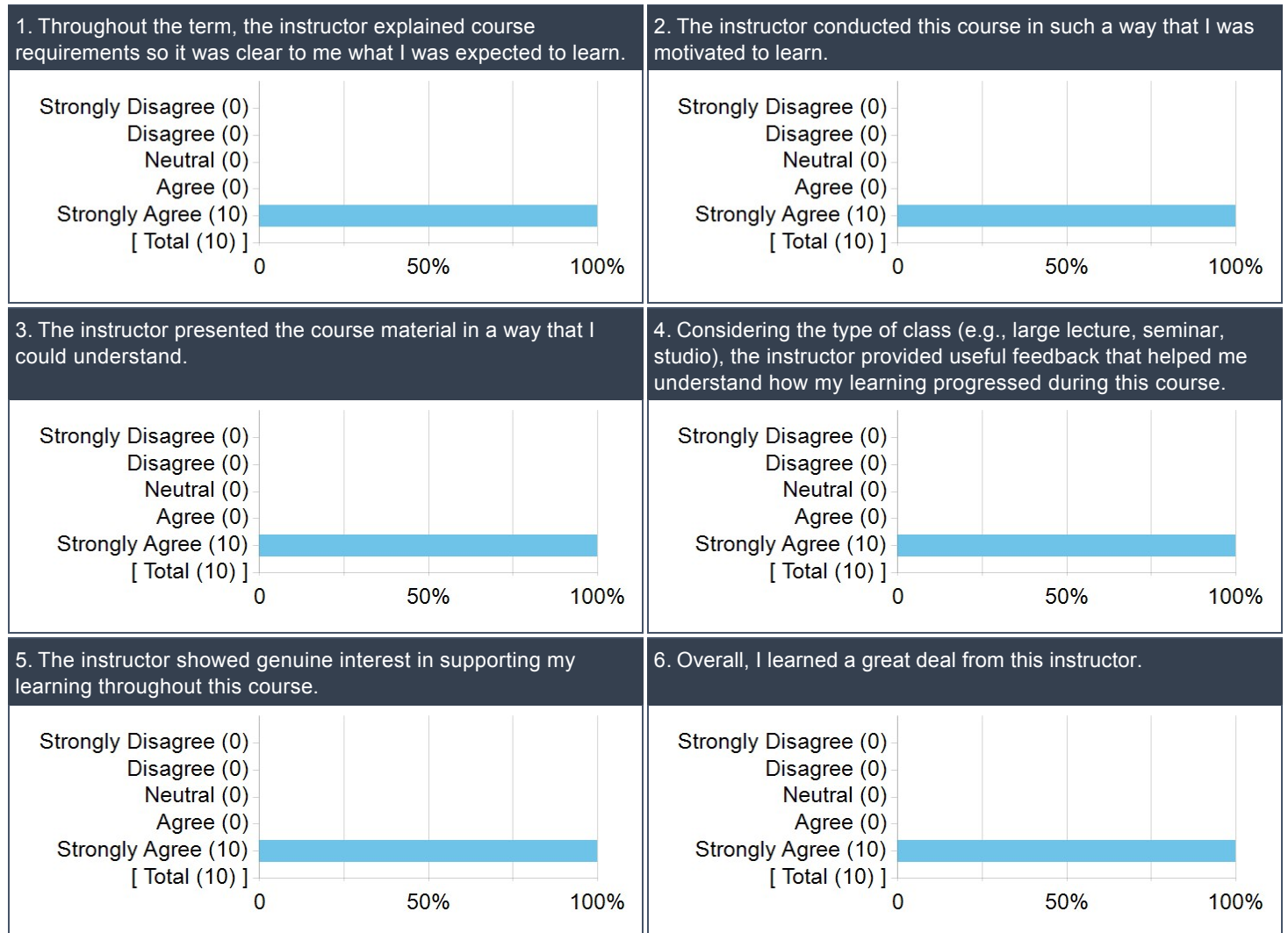
Creation Date: **Thursday, May 4, 2023**

## Detailed Results

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



### University Module Questions

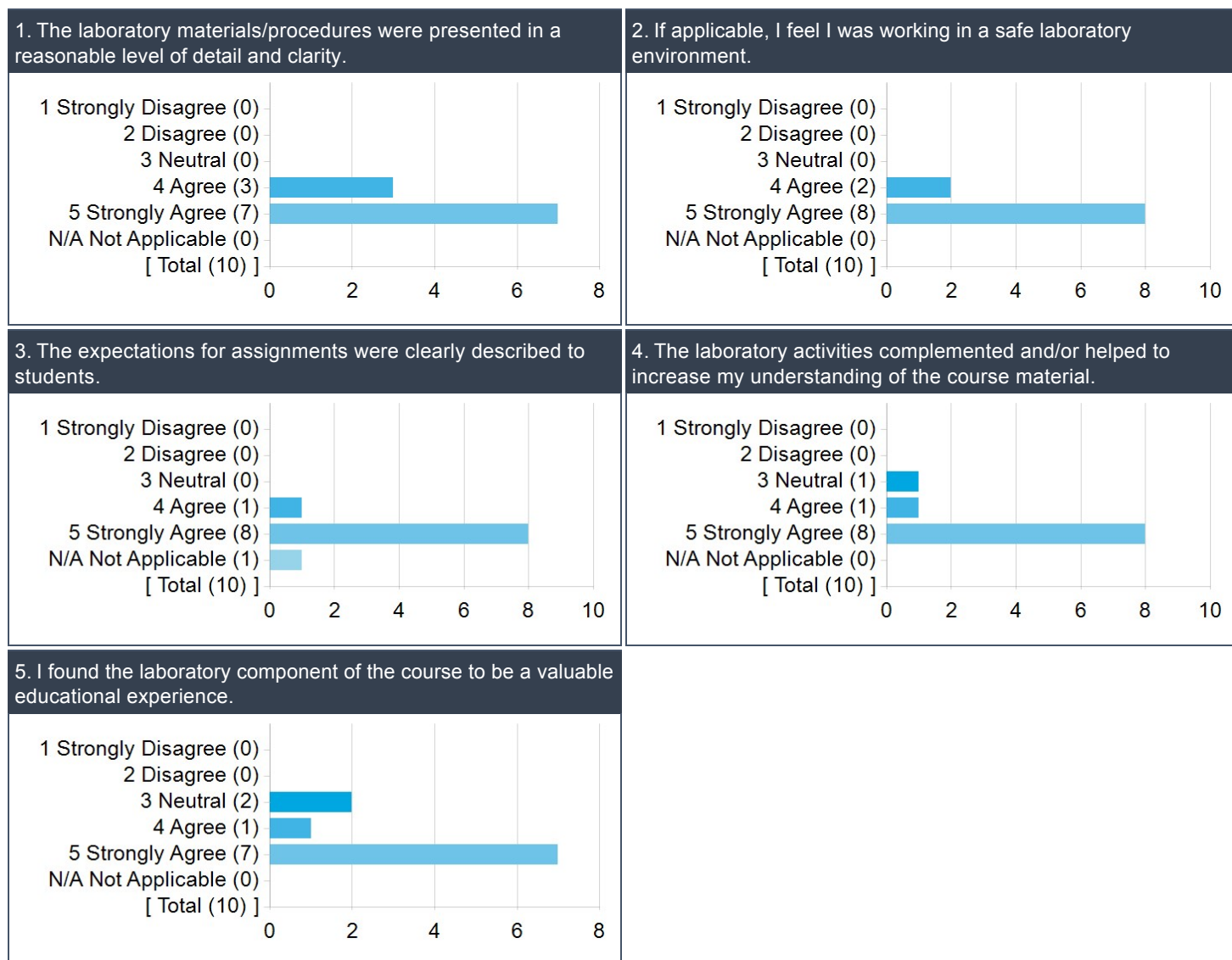


UBCO Student Experience of Instruction

	N	n	SD	D	N	A	SA	IM	DI
Throughout the term, the instructor explained course requirements so it was clear to me what I was expected to learn.	28	10	0	0	0	0	10	5.0	0.0
The instructor conducted this course in such a way that I was motivated to learn.	28	10	0	0	0	0	10	5.0	0.0
The instructor presented the course material in a way that I could understand.	28	10	0	0	0	0	10	5.0	0.0
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.	28	10	0	0	0	0	10	5.0	0.0
The instructor showed genuine interest in supporting my learning throughout this course.	28	10	0	0	0	0	10	5.0	0.0
Overall, I learned a great deal from this instructor.	28	10	0	0	0	0	10	5.0	0.0

Question	%Favourable
Throughout the term, the instructor explained course requirements so it was clear to me what I was expected to learn.	100%
The instructor conducted this course in such a way that I was motivated to learn.	100%
The instructor presented the course material in a way that I could understand.	100%
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.	100%
The instructor showed genuine interest in supporting my learning throughout this course.	100%
Overall, I learned a great deal from this instructor.	100%

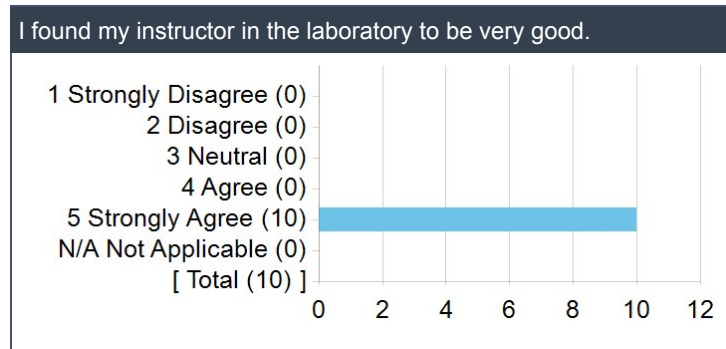
**Lab Questions**



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.	28	10	0	0	0	3	7	0	4.8	0.2
If applicable, I feel I was working in a safe laboratory environment.	28	10	0	0	0	2	8	0	4.9	0.2
The expectations for assignments were clearly described to students.	28	10	0	0	0	1	8	1	4.9	0.1
The laboratory activities complemented and/or helped to increase my understanding of the course material.	28	10	0	0	1	1	8	0	4.9	0.3
I found the laboratory component of the course to be a valuable educational experience.	28	10	0	0	2	1	7	0	4.8	0.4

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.	90%
I found the laboratory component of the course to be a valuable educational experience.	80%

**Lab Instructor Questions**



Question	N	n	SD	D	N	A	SA	N/A	IM	DI
I found my instructor in the laboratory to be very good.	28	10	0	0	0	0	10	0	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
N/A
Jared was very helpful throughout the labs and helped explain certain parts of the lab if help was needed. Also, he sometimes didn't answer the question directly in order to make us think for ourselves to help try and understand the purpose of what we were trying to accomplish.
None, awesome TA

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

Comments
Super nice and helpful.
The labs gave practical experience with electromechanical devices which helped to anchor the knowledge from the lecture material
This lab helped with understanding how electrical machines and systems worked. The labs were very straightforward and not too difficult. I really liked how the lab report was possible to finish within the lab time and not worry about it for two weeks. That is definitely a strong factor on making the labs better and more enjoyable.
Great prof and great lab TA. Important course content

**Please provide suggestions on how this course might be improved.**

Comments
N/A
I don't have anything to say as the labs were fun and enjoyable to do. Having the TA and Head TA's help helped with making it better.
Would be helpful if prof provided the enameled wire or asked local store to purchase on our behalf

## Explanatory Note

### Percent Favourable Rating

This is the percentage of respondents who rated the instructor a 4 or 5 (Agree or Strongly Agree).

### Interpolated Median

The data collected for Student Experience of Instruction (SEI) are ordinal in nature, with a natural order (from 1 to 5). While the mean may be used as a measure of central tendency for such data, it is not an appropriate or accurate representation of SEI data (cf. Stark & Freishtat, 2014). The usual measure of central tendency for ordinal data is the median. As a result, we have been reporting the mean and the median for the last several years. After considerable thought and data modeling, we now believe that the interpolated median is the best representation of the data, since it takes the frequency distribution into account.

Consider the following example from 2015W, the two course sections have identical mean (3.8). However, the instructor in section 2 received 77% favourable (4-5) ratings, compared to 53% for the instructor in section 1. The Interpolated median values of (3.7 and 4.2), much better reflects the distribution of the scores above and below their respective median. Furthermore, the interpolated median is better correlated with percent favourable rating; such that an interpolated median of 3.5 on a Likert scale of 1 to 5, corresponds to 50% favourable rating.

**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%

### 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 respondents in the section rated their experience of instruction the same. An index value of 1.0 is obtained when the respondents are split 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 minimum recommended response rate.

