

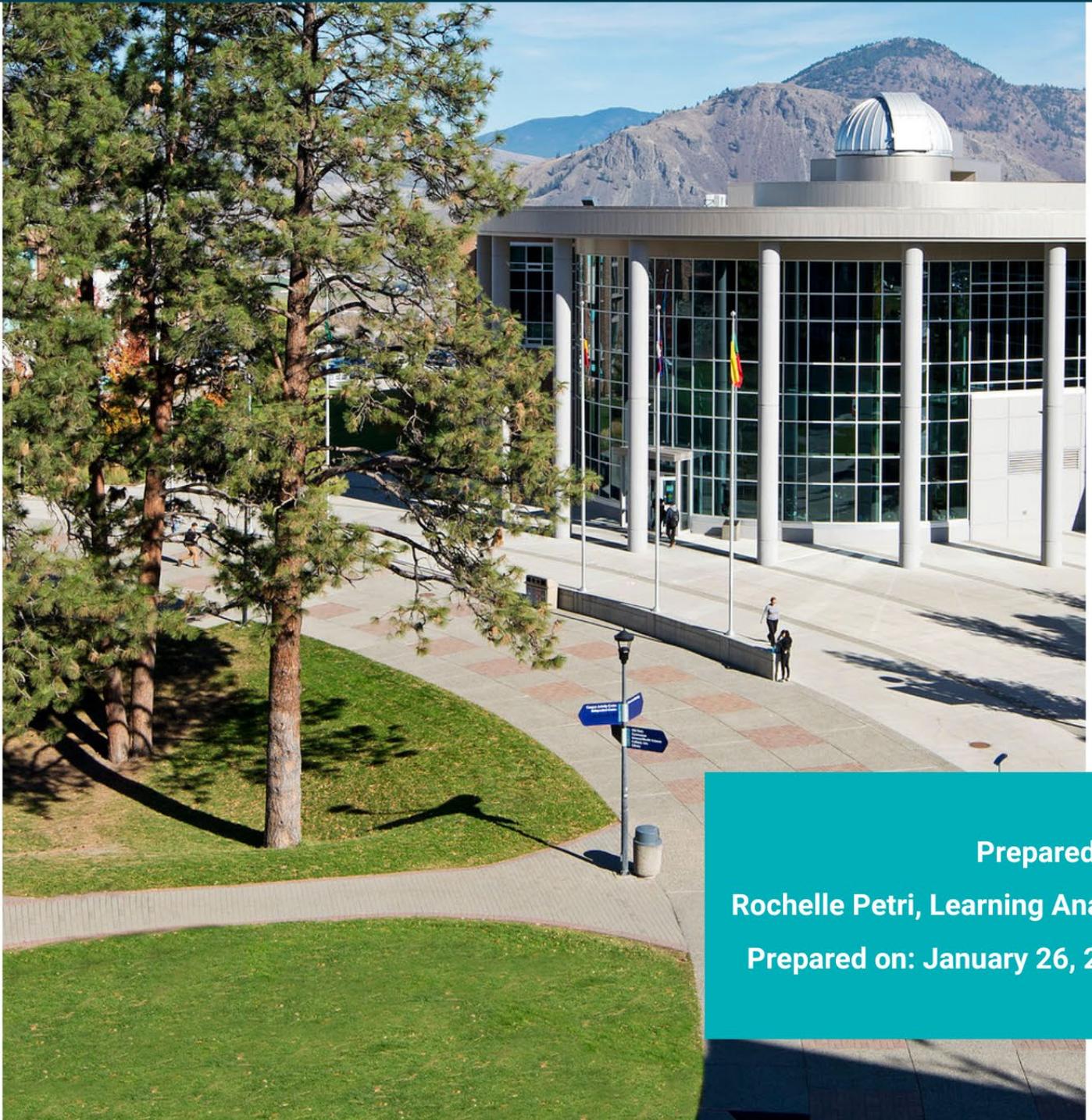


**THOMPSON  
RIVERS  
UNIVERSITY**

Integrated  
Planning &  
Effectiveness

# Fall 2022 Course Evaluation

## Administration and Results



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Prepared on: January 26, 2023

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## Summary

Thompson Rivers University (TRU) administered 'every course, every time' on campus course evaluations in fall 2022. This was the fifteenth full implementation, with 1,494 courses included to be evaluated.<sup>1</sup> Evaluations were administered online for all courses during the last three weeks of classes (or equivalent).

The majority of Kamloops and Williams Lake evaluations took place between November 14<sup>th</sup> and December 2<sup>nd</sup>, and School of Trades and Technology (Trades) evaluations took place during the months of September, October, November, and December (Figure 1). Course evaluations continued to be administered as per the regular process as the majority of on-campus courses returned to being taught in-person.

**Figure 1. Course evaluation summary**

Total		Kamloops	Williams Lake	Trades
2	Campuses			
9	Faculties and Schools	8	4	1
564 <sup>2</sup>	Faculty Members	507	21	39
1,494	Courses	1,358	52	84
35,042	Student Course Enrolment	33,843	473	726
1,263 <sup>3</sup>	Surveys	1,263	49	54
9,191	Student Headcount	8,494	143	584
91%	Survey Participation Rate	92%	82%	87%
17,613	Total Responses	16,870	295	448
53% <sup>4</sup>	Response Rate	53%	70%	72%

**Participation Rate:** The percentage of surveys administered out of all prepared surveys. The reasons for not participating may be or may not be known.

**Response Rate:** The number of valid\* responses received for each participating survey as a percentage of the total course enrolments (not the attendance in class that day). \*one response per enrolled student received. See Response Validation

<sup>1</sup> Summer semester courses are evaluated using the same course evaluation administration process as both winter and fall courses. Due to a smaller number of courses a report on the administration and results is not produced.

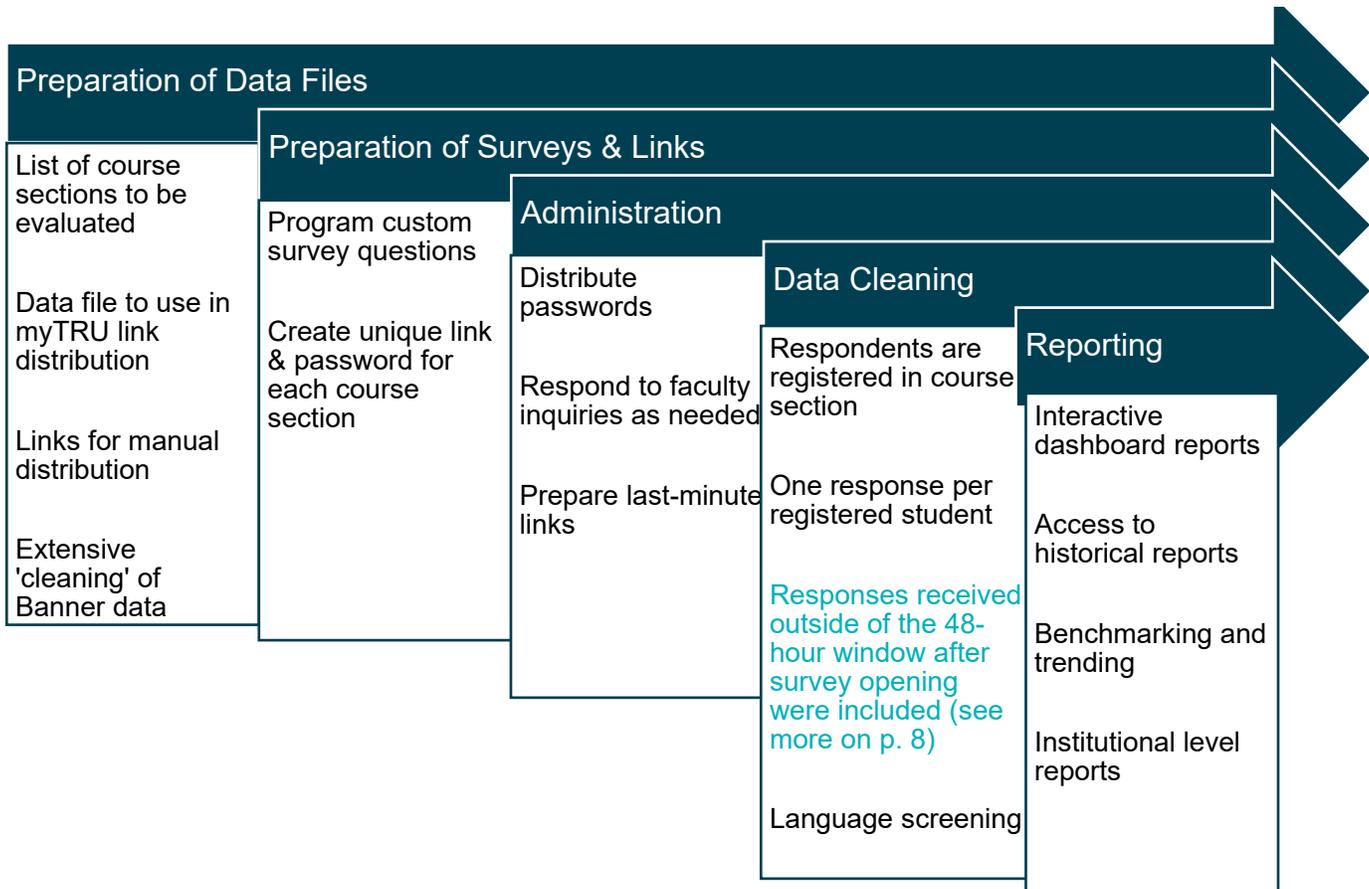
<sup>2</sup> Some instructors had course evaluations on more than one campus.

<sup>3</sup> Some courses were set up as a combined evaluation, therefore the total number of surveys is less than the total number of included courses.

<sup>4</sup> Includes only surveys that were opened.

Technical administration of the evaluations was carried out by Integrated Planning and Effectiveness (IPE). The technical administration included: preparation of data files, surveys, and links; technical administration of the survey; data cleaning; reporting; and providing technical assistance on an ad hoc basis (Figure 2).

**Figure 2. Technical administration process**



## Preparation

### Inclusion

There were 1,494 courses identified for inclusion in course evaluations, and 1,366 surveys were prepared (Figure 3). This involved 564 individual faculty members from each of the 9 faculties and schools (including Williams Lake campus). Along with classroom-based, primary sections, this administration also included all Nursing practice and laboratory practice sections, as well as all Faculty of Science laboratories (Figure 4).

**Figure 3. Faculty, Courses, Surveys, and Student Course Enrolments by Division - Institutional, Fall 2022**

		Bob Gagliardi School of Business and Economics	Faculty of Adventure, Culinary Arts and Tourism	Faculty of Arts	Faculty of Education and Social Work	Faculty of Law	Faculty of Science	Faculty of Student Development	School of Nursing	School of Trades and Technology	Total
Faculty Members	#	92	35	99	81	25	137	6	57	39	564
	%	16%	6%	18%	14%	4%	24%	1%	10%	7%	100%
Courses	#	277	65	278	203	30	406	29	122	84	1,494
	%	19%	4%	19%	14%	2%	27%	2%	8%	6%	100%
Surveys	#	269	65	272	195	30	341	18	122	54	1,366
	%	20%	5%	20%	14%	2%	25%	1%	9%	4%	100%
Enrolment	#	8,282	1,187	8,127	3,361	1,151	9,457	235	2,516	726	35,042
	%	24%	3%	23%	10%	3%	27%	1%	7%	2%	100%

### Considerations for Administration

Several considerations guided the inclusion and administration process. In addition to following guiding documents, centralizing course evaluations included incorporating existing processes of some academic areas while introducing a completely new process in other areas. Specifically:

- [Student Course Evaluations - Principles and Procedures](#) approved by the Teaching and Learning Committee (formerly The Instructional Development and Support Committee (IDSC)) and presented to Senate (January 23<sup>rd</sup>, 2019)
- Memorandum of Settlement between TRU and TRUFA (July 21<sup>st</sup>, 2015)
- Custom surveys: Law, Science, English as a Second Language, Education and Skills Training Program, Nursing practice and lab practice section types, Biological Sciences labs, Animal Health Technology Distance courses

- Student confidentiality – course evaluations with less than 5 responses cannot be viewed, as is consistent with the practice of BCStats and current interpretation of the BC Statistics Act (BC Ministry of Technology, Innovation and Citizens’ Services)

**Figure 4. Criteria for Inclusion or Exclusion**

Criteria for Inclusion
-Lecture or combined section type
-Primary section
-Nursing practice or lab practice section type
-Science lab section type
-Co-op work
-Course ending within, or attached to, fall 2022
-Campus Kamloops and Williams Lake
-Trades and Technology courses
Criteria for Exclusion
-Seminar, lab (excluding Science labs), field, practicum, thesis, directed studies, exchange, or PLAR section types
-Non-graded support sections
-Courses not ending in, or attached to, fall 2022
-Open Learning courses
-Course section numbers designating BC Campus
-Continuing education courses

After proposed course inclusion lists were prepared based on the standard criteria for evaluation (see Figure 4 for criteria for inclusion or exclusion), IPE sent a list of courses to each dean’s office in Kamloops (and the Williams Lake campus coordinator) on October 3<sup>rd</sup>, with a request for response by October 14<sup>th</sup>.

After the list of courses was finalized, a notification email was sent from IPE on October 24<sup>th</sup> to each faculty member included in the administration. The email detailed which of the individual’s courses were included, and briefly explained the evaluation process (including contact information for IPE and the Centre for Excellence in Learning and Teaching (CELT) and a link to the [FAQ web page](#)).

To accommodate continuous-entry Trades courses, course lists and surveys were prepared each month in anticipation of the following month. The lists were sent directly to the Trades chairs. Data validation and reporting was completed in November 2022 for evaluations that took place in September and October, and in January 2023 for evaluations that took place in November and December.

## Administration

### Distribution of Survey Links

As detailed under the box to the right, Survey Response Data Integrity: Implementation, most course survey links were made available to students through their myTRU portals. This protocol was chosen in response to a specific request from the TRU Students' Union (TRUSU). IPE prepared a data file containing the survey link and course detail (faculty name, CRN, etc.), which was then posted to the Student Course Evaluation myTRU channel by an IPE software analyst. The channel was populated with data from the survey link file according to each students' current course registrations.

IPE provided the main Kamloops file of survey links and course detail to the IPE software analyst for posting to student myTRU portals on November 4<sup>th</sup>; after this deadline, changes to the course lists were accommodated manually and links were provided directly to faculty members.

IPE supported the manual distribution of several course evaluations due to any of the following reasons:

- requests for changes submitted after the deadline,
- course sections running outside of the regular schedule,
- course sections where there was a mismatch between the section students were registered in and were taught in,
- students not registered in the course section,
- continuous entry course sections, or
- faculty requesting the survey link.

**In total, 91% of all survey links were distributed via myTRU:**

- 1,355 links distributed via myTRU (95% Kamloops, 74% Williams Lake),
- 141 links distributed by email directly to faculty members (5% Kamloops, 26% Williams Lake, 100% Trades).

### Distribution of Passwords

As detailed under Survey Response Data Integrity: Implementation, each course survey link was assigned a unique password. The passwords were randomly generated using Norton IdentitySafe and were programmed into each survey. The passwords were individually distributed to faculty members using their official TRU email addresses.

## Survey Response Data Integrity: Implementation

*Ensuring the highest possible survey participation rates was balanced with the need to ensure the highest possible integrity of survey data. To this end, the following protocols were followed for all surveys (see exclusions below):*

Students were required to sign in to their secure myTRU accounts in order to access the survey links.

Survey links were made available to students with a current registration in the course section.

Each survey was protected with a unique password.

The password was provided to the faculty member just prior to the survey administration period; in most cases (91%), faculty members were not provided with the link to the actual survey.

Faculty members were provided with a direct phone number to contact IPE for technical questions during the evaluation period.

*Exceptions to the above protocols were rare and included course sections that required evaluation before the myTRU implementation, course sections that were included after the IPE deadlines, or a few rare instances of technical difficulty.*

Each faculty member received one email with password per course section. Most passwords were emailed to faculty members on November 9<sup>th</sup>.

## Kamloops Timeline

Faculty members chose the date that they opened their course evaluation survey during the last three weeks (or equivalent) of their classes. Surveys were opened when the faculty member chose to provide the unique password to students. In Kamloops, most surveys were opened toward the end of the three-week period, with 79% opened in the two last weeks (Figure 5). Nineteen percent of the surveys were opened during the first week. Figure 6 shows that 10% of surveys were opened on a Friday, with the majority of the responses received between Monday and Thursday.

**Figure 5. Kamloops surveys opened by week – Fall 2022**

	# of Surveys Opened	% of Surveys Opened	# of Responses Received	% of Responses Received
Early (before November 14th)	18	2%	221	1%
Week 1 (November 14th - November 20th)	218	19%	3,607	21%
Week 2 (November 21st - November 27th)	399	34%	5,944	35%
Week 3 (November 28th onwards)	525	45%	7,098	42%
Total	1,160	100%	16,870	100%

**Figure 6. Kamloops surveys opened by weekday – Fall 2022**

	# of Surveys Opened	% of Surveys Opened	# of Responses Received	% of Responses Received
Sunday	8	1%	99	1%
Monday	213	18%	3,363	20%
Tuesday	262	23%	4,049	24%
Wednesday	261	23%	3,764	22%
Thursday	262	23%	3,647	22%
Friday	145	13%	1,881	11%
Saturday	9	1%	67	0%
Total	1,160	100%	16,870	100%

## Data Cleaning

### Survey Response Data Validation

To ensure the highest possible quality of response data and to encourage buy-in from all stakeholders, each individual survey response underwent several validity checks. Primarily:

1. The student was registered in the course.
2. The student submitted a single response.
3. The response was received within 48 hours of the survey opening.

Course evaluations continued to be administered as per the regular process with the majority of on-campus courses being taught in-person for the third semester since the beginning of the COVID-19 pandemic in winter 2020. Once all responses were collected, IPE analysed the responses to determine the percent of responses submitted outside of the 48-hour window (late responses), how many course evaluations were affected by late responses, and how excluding the late responses would affect the response rate. Similarly, to the previous fall course evaluation administration, these numbers were provided to TRU to consult with TRUFA on whether to include the late responses as an exception for this administration due to the pandemic. Due to the significant impact that the late responses had on the response rate, TRUFA made the decision to include late responses for this fall administration.

For a more detailed process see the Responses Validation Process chart in Appendix B.

## Student TID

After students gain entry to the survey with the unique course password, the survey instrument requires them to provide their TID. IPE programmed a validation mask that required the student to enter a 9-character ID (starting with "T") before they could proceed with the survey.

**Please provide your TID**

This information will be used only to track survey completion and will not be shared with your instructor.  
(example: T12345678)

Please use your 9-character TID

## TID error message

The student TID is used to check that the respondent is enrolled in the course section for which they have completed a survey. This check is redundant to the requirement that most students access the survey through myTRU. It is also used to check for duplicate responses.

## Survey Response Data Integrity: Validation

*Ensuring that only registered students in each course completed the survey is a top priority. To guarantee the reliability of response data:*

Students were required to provide their TID before completing the survey.

Each individual response TID was compared with the registrations for that course; only responses from registered students were validated.

In the case of mismatches between respondent TID and course registration, the records were checked manually prior to deletion.

Only the first completed response for each student in each course was retained; duplicate responses were manually examined and deleted.

**As an exception, responses submitted outside of the 48-hour window period were included for the fall 2022 administration.**

Where possible, invalid student TIDs were automatically repaired by changing the letter 'o' to '0' and by adding 'T' and preceding '0'.\*

Where specifically advised, obsolete '9-IDs' were manually corrected.

\* Due to the large volume of responses, these corrections were accomplished with an automatic script.

## Duplicate Responses

Responses were determined to be duplicates if they had the same student TID in a course section. The first completed response was retained.

## 48 Hour Response Window

The exact time stamp (hours, minutes) of the first valid response to a given course section survey determined the opening of the 48-hour response window. The time stamp on each subsequent submission for that course section was compared to the first-time stamp; responses that were received more than 48 hours (2,880 minutes) after the first time stamp were considered invalid. However, an exception was made for the fall 2022 course evaluation administration due to a significant number of responses still being submitted more than 48 hours after the first submitted response and the impact this had on the response rates. As a result, responses received outside of the 48-hour window were included in the reporting.

All School of Nursing practice courses and Animal Health Technology distance courses were excluded from this validity check and will continue to be moving forward.

## Time to Complete Survey

The majority of the surveys were completed within an hour, with 90% of surveys completed within 10 minutes or less. Compared to fall 2021, there was a slight increase in percentage of surveys completed within 10 minutes or less. The completion time was calculated in minutes, from the time each respondent opened their survey to when they submitted it (Figure 7).

**Figure 7. Survey completion time - Institutional**

	Fall 2020	Fall 2021	Fall 2022
10 minutes or less	81%	89%	90%
11 to 20 minutes	12%	8%	6%
21 to 30 minutes	2%	1%	1%
1 hour +	5%	3%	2%

Law, Science, English as a Second Language, Education and Skills Training Program, Nursing theory, practice and lab practice section types, Biological Sciences labs, Animal Health Technology Distance courses were evaluated using custom survey instruments. The completion times for each questionnaire are available in Appendix C.

## Time to Submit after Survey Open

Overall, 30% of surveys had responses submitted after the 48-hour window (late responses), which is a decrease of 6% from fall 2021 (36%) and a decrease of 27% when compared to fall 2020 (57%). Of the

370 surveys that had responses submitted after 48 hours, 55% had one late response, 28% had two or three late responses, and 17% of surveys had four or more late responses (Figure 9).

**Figure 8. Surveys with responses submitted after the 48-hour window**

	Fall 2020			Fall 2021			Fall 2022		
	Kamloops	Trades & Technology	Williams Lake	Kamloops	Trades & Technology	Williams Lake	Kamloops	Trades & Technology	Williams Lake
# of surveys that received responses outside of the 48-hour window	673	6	7	471	7	10	364	4	2
% of surveys that received responses outside of the 48-hour window	59%	23%	19%	37%	15%	22%	31%	9%	5%
# of responses over 48-hour window	1,940	14	24	1,060	14	22	833	5	2
% of responses over 48-hour window	17%	6%	8%	7%	3%	6%	5%	1%	1%

**Figure 9. Surveys with late responses - Institutional, Fall 2022**

	1 late response	2 or 3 late responses	4 or more late responses	Grand Total
# of surveys that received responses outside of the 48-hour window	203	104	63	370
% of surveys that received responses outside of the 48-hour window	55%	28%	17%	100%
# of responses over 48-hour window	203	242	395	840
% of responses over 48-hour window	24%	29%	47%	100%

In light of the significant increase in number of responses received outside of the 48-hour window, TRUFA decided to make an exception for fall 2022 course evaluation administration and include these responses in faculty reports.

## Language Screening

Starting in fall 2018, open ended responses were screened electronically for the presence of harassing or defamatory language. Student comments that were identified to contain any of the 467 predetermined harassing or defamatory words were flagged and provided to CELT for review to determine if the comment should be removed. Comments that were considered defamatory based on protected characteristics contained within the [BC Human Rights Code](#) were removed from the final reports. There were two harassing or defamatory student comments identified to be removed from fall 2022 responses.

## Data Cleaning Summary

A total of 18,313 responses were received during fall 2022 course evaluations which is an increase of 8% from fall 2021 (16,893 responses). Of those responses, 399 (2%) were from students who were not enrolled in the course that they evaluated, 294 (2%) were duplicate student responses, and 840 (5%) were received

after 48 hours of the survey opening. The remaining total number of valid student responses was 17,613 which includes responses received over the 48-hour window.

**Figure 10. Response validation summary by campus – Fall 2022**

	Total Responses (not cleaned)	# of Not Registered	Not Registered Percent	# of Duplicate TID	Duplicate TID Percent	# of Over 48-hour Window Responses	% of Over 48-hour Window Responses	Total Valid Responses (cleaned)
Kamloops	17,510	358	2.0%	282	1.6%	833	5%	16,870
Williams Lake	309	6	1.9%	8	2.6%	2	1%	295
Trades & Technology	494	35	7.1%	4	0.8%	5	1%	448
Total	18,313	399	2.2%	294	1.6%	840	5%	17,613

## Reporting

Overall, 91% (1,249) of the prepared surveys were administered in fall 2022 (Figure 11).

**Figure 11. Survey participation rates – Fall 2020, Fall 2021, Fall 2022**

		Fall 2020	Fall 2021	Fall 2022
Kamloops	Surveys Administered	94%	92%	92%
	Surveys Not Administered	6%	8%	8%
Williams Lake	Surveys Administered	90%	79%	82%
	Surveys Not Administered	10%	21%	18%
Trades & Technology	Surveys Administered	63%	84%	87%
	Surveys Not Administered	37%	16%	13%
Total Surveys Prepared		100%	100%	100%

It is important to note that these participation rates measure participation in the survey administration only (not response rates). Participation rates varied by faculty and school, ranging from 97% participation in the Bob Gaglardi School of Business and Economics, to 44% participation in the Faculty of Student Development (Figure 12). The participation rates for fall 2022 course evaluation administration across most faculties and schools have remained on par with fall 2020 and fall 2021 results.

For participation rates by department, see Appendix A – Participation and Response Rates by Department.

**Figure 12. Survey participation rate by division - Institutional**

		Surveys Administered	Surveys Not Administered
Bob Gaglardi School of Business and Economics	Fall 2020	96%	4%
	Fall 2021	96%	4%
	Fall 2022	97%	3%
Faculty of Adventure, Culinary Arts and Tourism	Fall 2020	95%	5%
	Fall 2021	95%	5%
	Fall 2022	74%	26%
Faculty of Arts	Fall 2020	94%	6%
	Fall 2021	93%	7%
	Fall 2022	94%	6%
Faculty of Education and Social Work	Fall 2020	89%	11%
	Fall 2021	93%	7%
	Fall 2022	90%	10%
Faculty of Law	Fall 2020	90%	10%
	Fall 2021	89%	11%
	Fall 2022	93%	7%
Faculty of Science	Fall 2020	94%	6%
	Fall 2021	88%	12%
	Fall 2022	91%	9%
Faculty of Student Development	Fall 2020	88%	13%
	Fall 2021	83%	17%
	Fall 2022	44%	56%
School of Nursing	Fall 2020	91%	9%
	Fall 2021	87%	13%
	Fall 2022	94%	6%
School of Trades and Technology	Fall 2020	63%	37%
	Fall 2021	84%	16%
	Fall 2022	87%	13%

## Response Rates

The average institutional response rate (of participating surveys) was 53%, compared to 50% in fall 2021 and 36% in fall 2020. Aggregate response rates ranged from 72% in School of Trades and Technology to 37% in the Faculty of Law (Figure 14).

**Figure 13. Historical response rates – Fall 2020, Fall 2021, Fall 2022**

	Fall 2020		Fall 2021		Fall 2022	
	Responses Received	Response Rate	Responses Received	Response Rate	Responses Received	Response Rate
Kamloops	11,212	35%	15,523	49%	16,870	53%
Williams Lake	275	53%	338	63%	295	70%
Trades & Technology	183	55%	495	68%	448	72%
Total	11,670	36%	16,356	50%	17,613	53%

**Figure 14. Response rates by division – Fall 2022**

		Surveys #	Responses Received	Response Rate
Kamloops	Bob Gaglardi School of Business and Economi..	261	3,794	47%
	Faculty of Adventure, Culinary Arts and Tourism	48	629	57%
	Faculty of Arts	249	3,632	47%
	Faculty of Education and Social Work	169	1,918	63%
	Faculty of Law	28	420	37%
	Faculty of Science	302	4,864	57%
	Faculty of Student Development	8	89	46%
	School of Nursing	97	1,524	68%
Williams Lake	Faculty of Arts	8	38	53%
	Faculty of Education and Social Work	7	43	62%
	Faculty of Science	7	41	69%
	School of Nursing	18	173	78%
Trades & Technology	School of Trades and Technology	47	448	72%
Total		1,249	17,613	53%

## Course Evaluation Reports

As directed by Senate, IPE produced the following aggregated course evaluation reports made available on the CELT Student Course Evaluations website or by request to IPE:

1. Institutional report (all responses, four Senate questions only)
2. Faculty and School reports (all responses, all numeric questions)
3. Department reports (all responses, all numeric questions)

In addition to the above aggregate reports, faculty and chairs were given access to interactive dashboard reports.

## Dashboard Reports

The faculty and chair reports offer enhanced reporting capabilities through interactive dashboards, such as secure access through the TRU Employee portal, access to all historical responses since the start of online course evaluations (winter 2016), ability to aggregate and filter data, view trends over time and set institutional, divisional, or departmental benchmarks. Starting in May 2019, chairs and faculty were able to download and pdf their own course evaluation reports.

## Distribution

IPE published the course evaluation dashboard reports to faculty and chairs on January 9<sup>th</sup>, 2023. Faculty were required to have submitted final grades before they were able to access their course evaluation results. The deadline for grade submission for regular semester courses was December 23<sup>rd</sup>, 2022. As of

January 16<sup>th</sup>, after the second grades check took place, all but one evaluated courses had 90% or greater of their final grades in Banner.

## Appendix A – Participation and Response Rates by Department

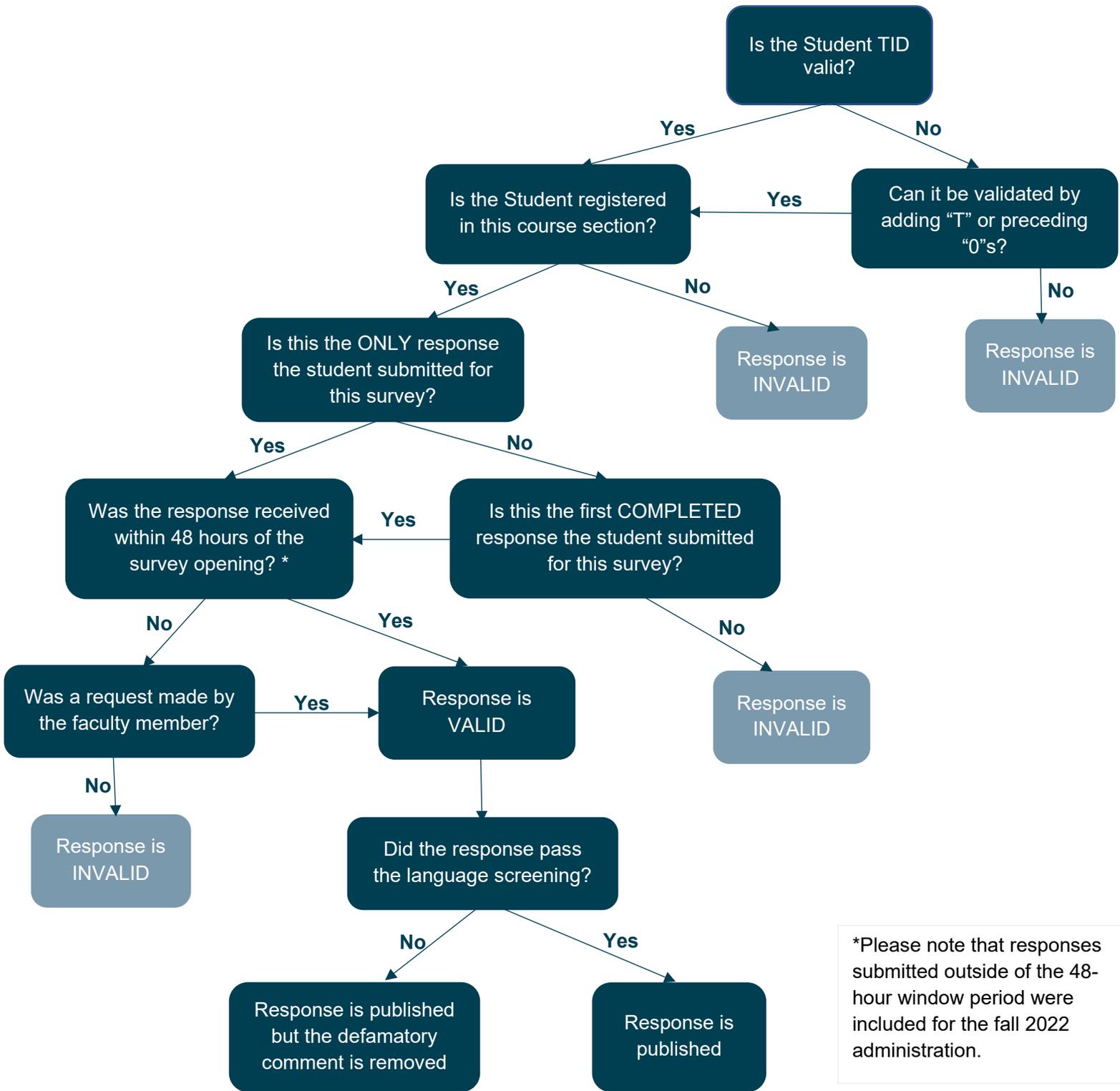
### Participation Rates by Department

Division	Department	Surveys Administered		Surveys Not Administered		Total Surveys Prepared	
		Surveys	% of Total ..	Surveys	% of Total ..	Surveys	% of Total ..
Bob Gaglardi School of Business and Economics	Economics	58	95%	3	5%	61	100%
	Accounting and Finance	67	100%			67	100%
	Human Enterprise and Innovation	46	92%	4	8%	50	100%
	Management, Intl Bus, Info, Supply Chain	53	98%	1	2%	54	100%
	Marketing	37	100%			37	100%
Faculty of Adventure, Culinary Arts and Tourism	Adventure Studies	12	52%	11	48%	23	100%
	Tourism Management	29	100%			29	100%
	Culinary Arts and Retail Meat	7	54%	6	46%	13	100%
Faculty of Arts	Psychology	31	100%			31	100%
	Communication and Visual Arts	60	94%	4	6%	64	100%
	Environment, Culture, and Society	49	94%	3	6%	52	100%
	Interdisciplinary Studies			1	100%	1	100%
	Literatures, Languages, and Performing Arts	79	94%	5	6%	84	100%
	Philosophy, History, and Politics	38	95%	2	5%	40	100%
Faculty of Education and Social Work	Social Work and Human Service	35	92%	3	8%	38	100%
	Education	75	89%	9	11%	84	100%
	English Language Learning and Teaching	29	94%	2	6%	31	100%
	University and Employment Prep	37	88%	5	12%	42	100%
Faculty of Law	Law	28	93%	2	7%	30	100%
Faculty of Science	Computing Science	42	100%			42	100%
	Mathematics and Statistics	48	100%			48	100%
	Agricultural Related	20	91%	2	9%	22	100%
	Biological Sciences	56	89%	7	11%	63	100%
	Physical Sciences	71	97%	2	3%	73	100%
	Natural Resource Sciences	20	80%	5	20%	25	100%
	Allied Health	22	59%	15	41%	37	100%
	Architectural and Engineering Technology	14	100%			14	100%
	Engineering and Applied Science	16	94%	1	6%	17	100%
Faculty of Student Development	Career and Experiential Learning	7	41%	10	59%	17	100%
	Counselling Acad Sup and Assess	1	100%			1	100%
School of Nursing	Nursing	95	93%	7	7%	102	100%
	Health Care Assistant	20	100%			20	100%
School of Trades and Technology	Construction Trades	29	85%	5	15%	34	100%
	Mechanical and Welding Trades	18	90%	2	10%	20	100%
Total		1,249	91%	117	9%	1,366	100%

## Response Rates by Department

Division	Department	Surveys #	Responses Received	Response Rate
Bob Gaglardi School of Business and Economics	Accounting and Finance	67	969	45%
	Economics	58	779	46%
	Human Enterprise and Innovation	46	638	46%
	Management, Intl Bus, Info, Supply Chain	53	843	49%
	Marketing	37	565	47%
Faculty of Adventure, Culinary Arts and Tourism	Adventure Studies	12	177	73%
	Culinary Arts and Retail Meat	7	42	36%
	Tourism Management	29	410	56%
Faculty of Arts	Communication and Visual Arts	60	786	47%
	Environment, Culture, and Society	49	739	48%
	Literatures, Languages, and Performing Arts	79	1,061	49%
	Philosophy, History, and Politics	38	552	46%
	Psychology	31	532	46%
Faculty of Education and Social Work	Education	75	983	63%
	English Language Learning and Teaching	29	295	68%
	Social Work and Human Service	35	406	60%
	University and Employment Prep	37	277	61%
Faculty of Law	Law	28	420	37%
Faculty of Science	Agricultural Related	20	393	84%
	Allied Health	22	473	54%
	Architectural and Engineering Technology	14	164	70%
	Biological Sciences	56	818	54%
	Computing Science	42	637	49%
	Engineering and Applied Science	16	145	48%
	Mathematics and Statistics	48	711	50%
	Natural Resource Sciences	20	550	64%
	Physical Sciences	71	1,014	61%
Faculty of Student Development	Career and Experiential Learning	7	71	43%
	Counselling Acad Sup and Assess	1	18	69%
School of Nursing	Health Care Assistant	20	234	76%
	Nursing	95	1,463	68%
School of Trades and Technology	Construction Trades	29	258	66%
	Mechanical and Welding Trades	18	190	81%
<b>Total</b>		<b>1,249</b>	<b>17,613</b>	<b>53%</b>

## Appendix B – Response Validation Process



\*Please note that responses submitted outside of the 48-hour window period were included for the fall 2022 administration.

## Appendix C – Custom Survey Instrument: Completion Time

		Fall 2020	Fall 2021	Fall 2022
Animal Health Technology Distance (ANHD)	10 minutes or less	84%	78%	
	11 to 20 minutes	8%	15%	
	21 to 30 minutes		2%	
	1 hour +	8%	5%	
Biology Lab	10 minutes or less	75%	89%	84%
	11 to 20 minutes	16%	7%	12%
	21 to 30 minutes	2%	1%	1%
	1 hour +	7%	3%	3%
Education and Skills Training..	10 minutes or less	100%	100%	100%
English as a Second/Additional Language (ESAL)	10 minutes or less	69%	82%	78%
	11 to 20 minutes	19%	11%	13%
	21 to 30 minutes	3%	2%	4%
	1 hour +	8%	5%	5%
General	10 minutes or less	87%	92%	93%
	11 to 20 minutes	8%	5%	4%
	21 to 30 minutes	2%	1%	1%
	1 hour +	4%	2%	2%
Law	10 minutes or less	76%	88%	92%
	11 to 20 minutes	16%	9%	4%
	21 to 30 minutes	3%	1%	1%
	1 hour +	5%	2%	3%
Nursing Lab Practice	10 minutes or less	86%	96%	89%
	11 to 20 minutes	9%	2%	8%
	21 to 30 minutes	1%		2%
	1 hour +	4%	2%	1%
Nursing Practice	10 minutes or less	78%	82%	78%
	11 to 20 minutes	13%	12%	15%
	21 to 30 minutes	4%	3%	2%
	1 hour +	6%	4%	5%
Science	10 minutes or less	71%	83%	86%
	11 to 20 minutes	19%	13%	10%
	21 to 30 minutes	4%	1%	1%
	1 hour +	6%	3%	2%