B.C. Baccalaureate Outcomes
2024 Survey of 2022 Baccalaureate Graduates

Detailed Summary of Survey Results
British Columbia Institute of Technology
15.1001: Construction engineering technology/technician

	BCIT
15.1001	

RESPONSE RATE

Survey Response Rate:	15.1001		BCIT	
Baccalaureate Graduates Survey Cohort	40	100%	870	100%
Survey Respondents and Response Rate	10	25%	214	25%

Response Rate
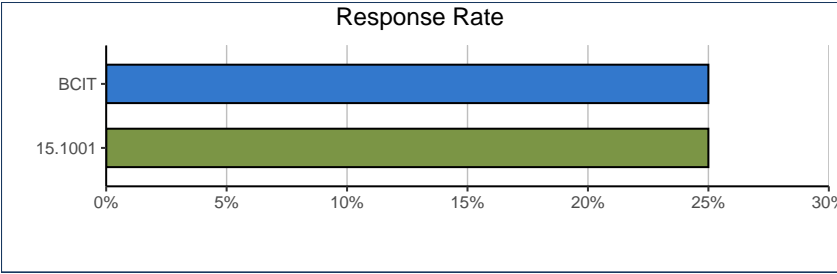
DEMOGRAPHIC INFORMATION

Self–Reporting Subgroups:	15.1001		BCIT	
Disabled	~	~	14	7%
International	~	~	15	7%
Indigenous	0	0%	5	3%

Gender:*	15.1001		BCIT	
Man/Boy	5	50%	134	63%
Woman/Girl	5	50%	80	37%
Total	10	100%	214	100%

*Due to zero or low counts, institution–reported "Non–Binary" demographic data are not included

Self–Reporting Subgroups
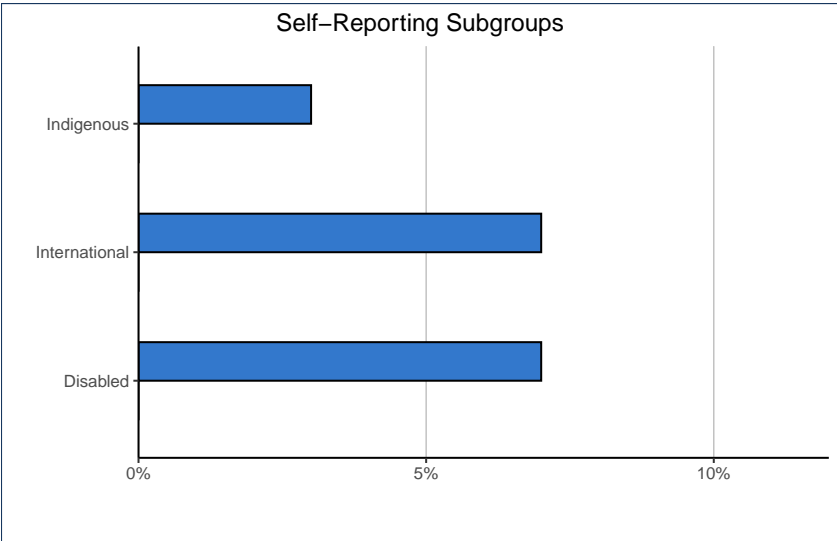
Age (at time of survey):	15.1001		BCIT	
< 25	0	0%	23	11%
25 to 29	~	~	77	36%
30 to 34	~	~	53	25%
35 to 39	0	0%	26	12%
40 to 49	~	~	25	12%
50 to 64	~	~	~	~
> 64	0	0%	~	~
Total	10	100%	214	100%
Median Age	37		30	
Average (mean) Age	39		32	

Age Distribution
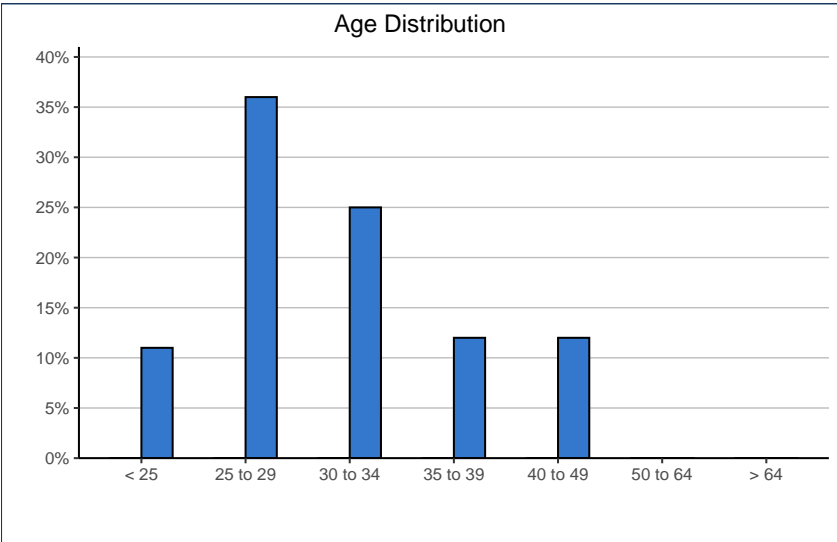
Place of Residence (at time of survey):	15.1001		BCIT	
BC – Mainland/Southwest	~	~	173	87%
BC – Vancouver Island/Coast	~	~	7	4%
BC – Northern B.C.	0	0%	0	0%
BC – Interior/Kootenays	0	0%	5	3%
BC Subtotal	8	89%	185	93%
Canada – Alberta	0	0%	~	~
Canada – Ontario	0	0%	6	3%
Canada – Other	~	~	~	~
U.S.A.	0	0%	0	0%
Non–BC Subtotal	~	~	14	7%
Total	~	~	199	100%

Place of Residence

Within BC

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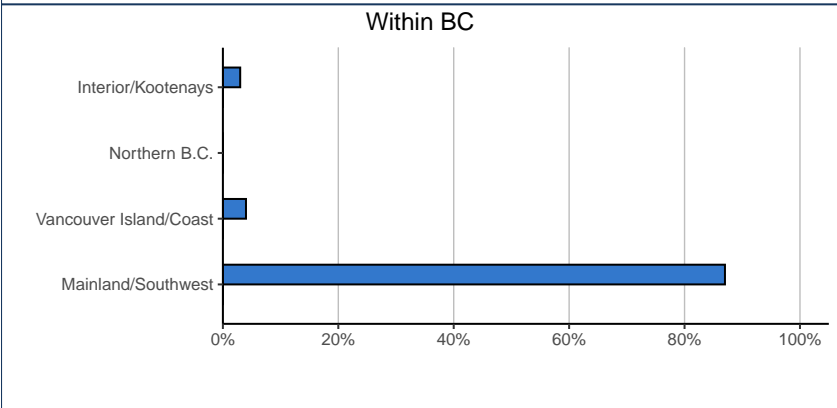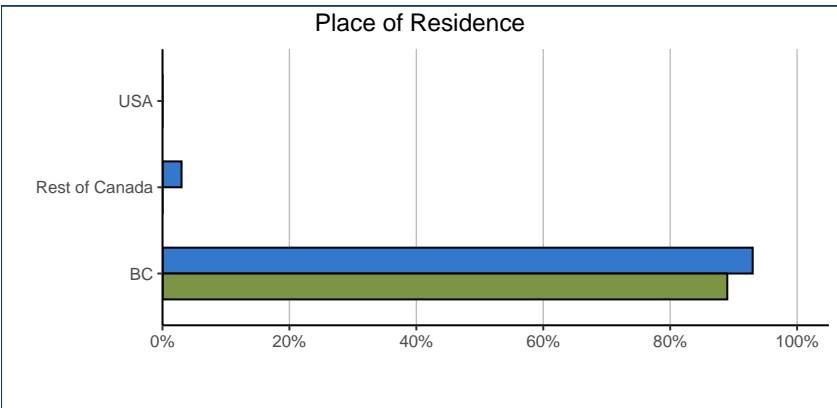
BCIT
15.1001

EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.1001		BCIT	
Very Satisfied	4	44%	81	38%
Satisfied	1	11%	112	53%
Dissatisfied	3	33%	14	7%
Very Dissatisfied	1	11%	4	2%
Total	9	100%	211	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.1001		BCIT	
Very Useful	2	25%	96	51%
Somewhat Useful	3	38%	77	41%
Not Very Useful	3	38%	13	7%
Not at All Useful	0	0%	4	2%
Total	8	100%	190	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.1001		BCIT	
Yes	0	0%	24	12%
No	9	100%	183	88%

Program Satisfaction

Very Satisfied   Satisfied

Would select the same program again:	15.1001		BCIT	
Yes	5	50%	154	78%
No	5	50%	44	22%

Quality of Instruction:	15.1001		BCIT	
Very Good	4	40%	68	32%
Good	4	40%	132	62%
Poor	1	10%	11	5%
Very Poor	1	10%	1	0%
Total	10	100%	212	100%

Comprehensiveness of Core Courses:	15.1001		BCIT	
Very Good	3	30%	69	33%
Good	4	40%	127	60%
Poor	2	20%	11	5%
Very Poor	1	10%	3	1%
Total	10	100%	210	100%

Course Availability:	15.1001		BCIT	
Encountered course availability problems	5	50%	38	18%

Financial Constraints:	15.1001		BCIT	
Had to interrupt studies for financial reasons	3	30%	19	9%
Had to take program part–time for financial reasons	3	30%	35	17%

Program Quality

Would Select Same Program Again

Quality of Instruction*

Comprehensive Core Courses*

Had Course Availability Problems

* "Very Good" or "Good"

BC Student Outcomes
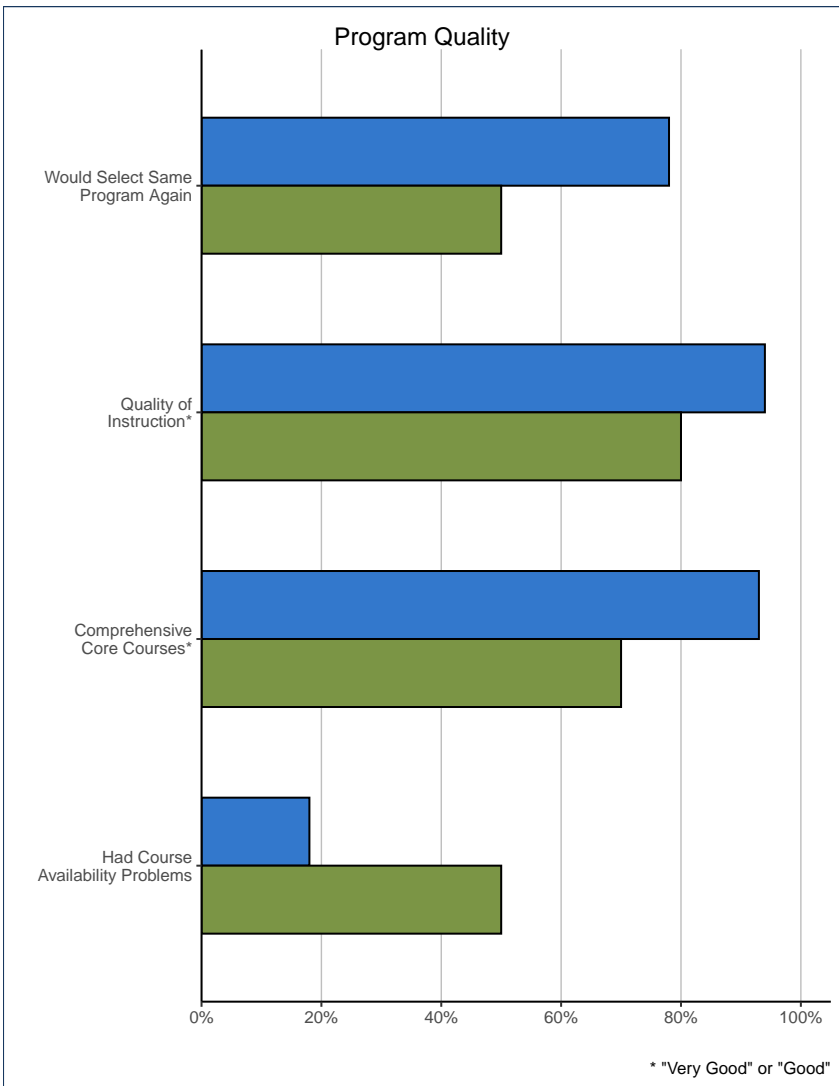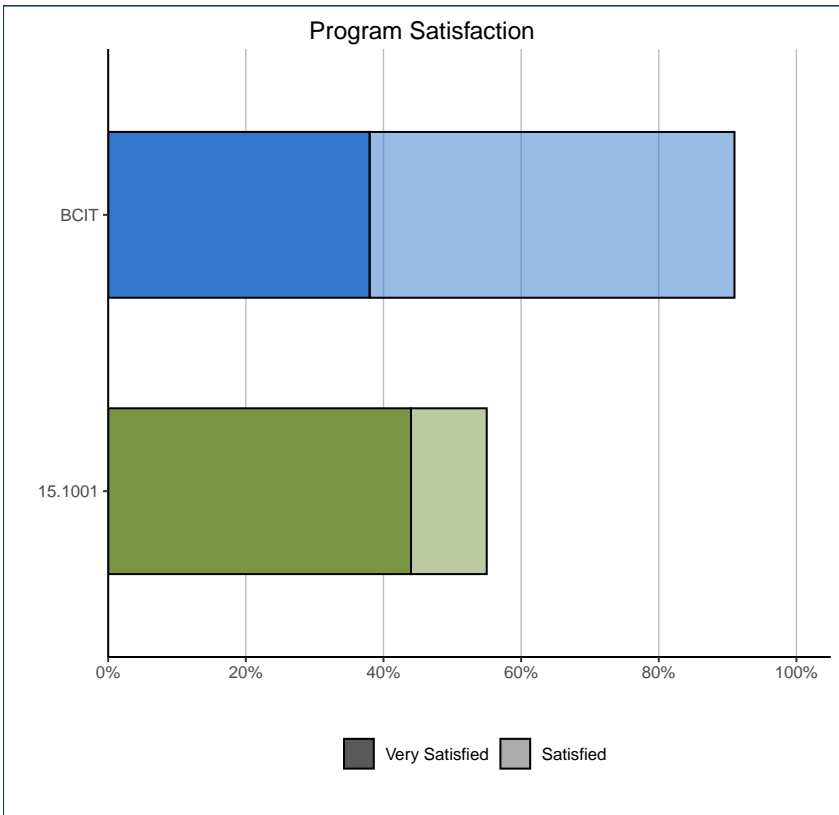
	BCIT
	15.1001

SKILL DEVELOPMENT

Skill Development: How helpful was institution?	15.1001				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	30%	50%	10%	10%	10
Oral Communication	22%	33%	33%	11%	9
Reading and Comprehension	30%	50%	20%	0%	10
Group Collaboration	30%	60%	0%	10%	10
Critical Anlysis	40%	40%	10%	10%	10
Problem Resolution	30%	30%	30%	10%	10
Use of Mathematics	30%	30%	20%	20%	10
Conducting Research	40%	60%	0%	0%	10
Learning on Your Own	40%	60%	0%	0%	10

Skill Development: How helpful was institution?	BCIT				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	29%	58%	12%	2%	206
Oral Communication	24%	60%	14%	2%	204
Reading and Comprehension	32%	55%	11%	2%	204
Group Collaboration	46%	44%	9%	2%	210
Critical Anlysis	45%	48%	7%	0%	211
Problem Resolution	33%	56%	8%	3%	209
Use of Mathematics	34%	49%	14%	4%	187
Conducting Research	33%	50%	13%	3%	201
Learning on Your Own	42%	52%	6%	1%	213

Helpful with Skill Development

"Very Helpful" or "Helpful"
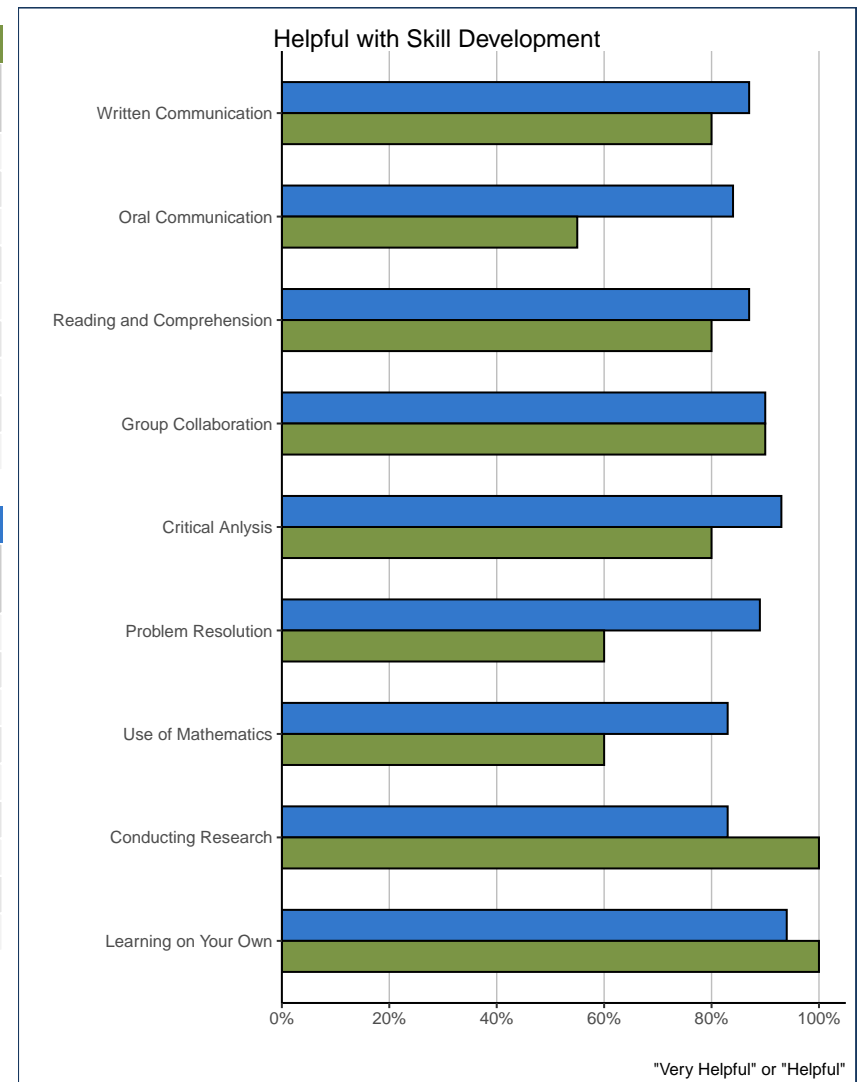
FURTHER EDUCATION

Took further education since 2022 graduation:	15.1001		BCIT	
Yes	2	20%	59	28%
Not currently enrolled	1	10%	34	16%
Currently enrolled full–time	0	0%	5	2%
Currently enrolled part–time	1	10%	20	9%
No	8	80%	154	72%
Total	10	100%	213	100%

Have you taken further education since graduation?

- Yes – Currently enrolled part–time
- Yes – Currently enrolled full–time
- Yes – Not currently enrolled
- No
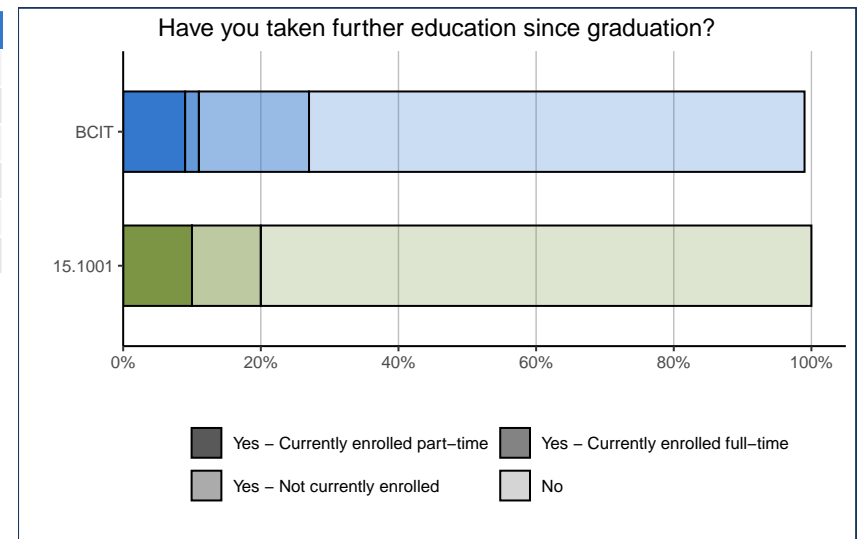
Type of Formal Post–Secondary Education:	15.1001		BCIT	
Master's Degree	1	50%	8	14%
Doctoral Degree	0	0%	0	0%
Another Undergraduate Degree	0	0%	6	10%
Certificate or Diploma below Bachelor Level	0	0%	14	24%
Professional Association Certification	1	50%	15	26%
Postgraduate Certificate or Diploma	0	0%	6	10%
Other	0	0%	9	16%
Total	2	100%	58	100%

Further Education/Training Type

BC Student Outcomes

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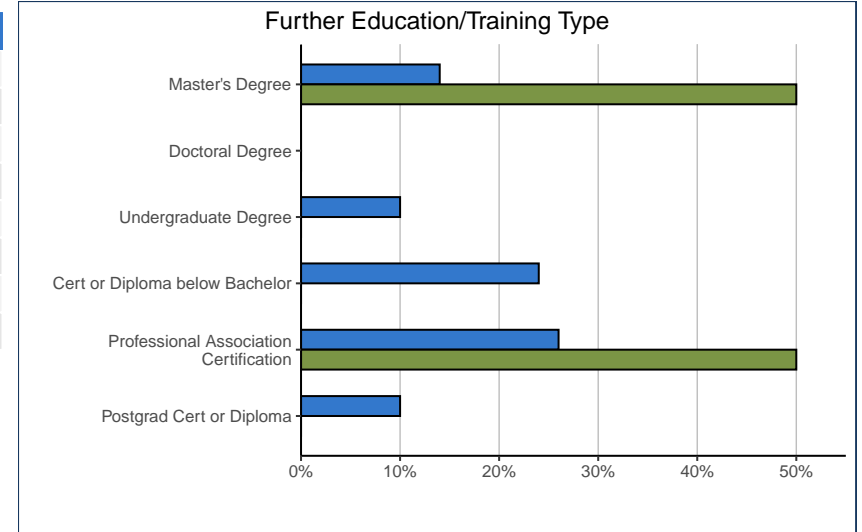
BCIT
15.1001

EMPLOYMENT

Labour Fource Status:	15.1001		BCIT	
In Labour Force (working or seeking work)	10	100%	207	98%
Not in Labour Force	0	0%	5	2%
Total	10	100%	212	100%

Employment:	15.1001		BCIT	
Employment Rate*	9	90%	192	90%
Unemployment Rate**	1	10.0%	15	7.2%

*Percent = Total employed divided by total number of respondents
**Percent = Total unemployed divided by total number in labour force
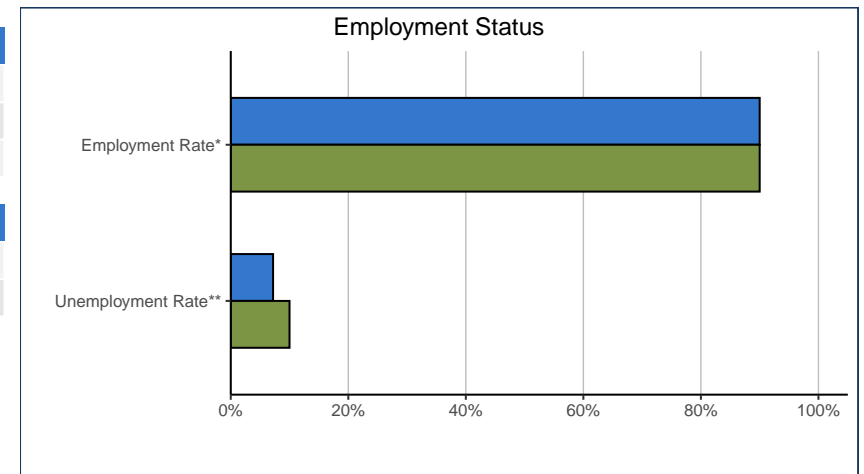
Employment Status

Status of Graduates NOT in Labour Force:	15.1001		BCIT	
Attending School FT	0	0%	1	20%
Attending School PT	0	0%	0	0%
Other	0	0%	4	80%
Total NOT in Labour Force	0	0%	5	100%

Primary Employment Type:	15.1001		BCIT	
Paid Worker	8	89%	181	95%
Self–Employed	1	11%	10	5%
Total	9	100%	191	100%

Job Characteristics:	15.1001		BCIT	
I hold more than one job*	3	33%	24	13%
My main job is full–time (>= 30 hours per week)**	9	100%	182	98%

*Of total employed
**Of those who provided data on hours/week worked

"Under–Employment" Assessment
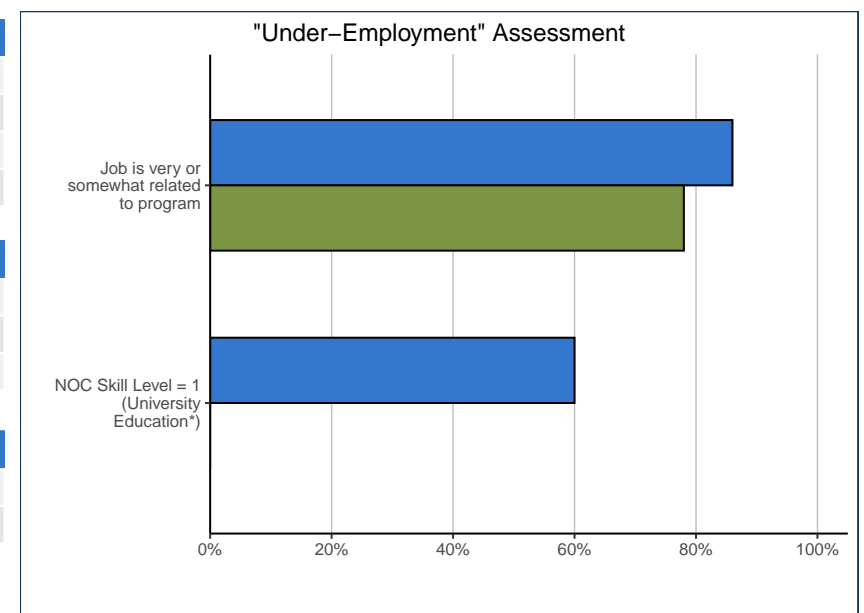
How related is your main job to your program?	15.1001		BCIT	
Very Related	4	44%	110	58%
Somewhat Related	3	33%	54	28%
Not Very Related	1	11%	12	6%
Not at All Related	1	11%	15	8%
Total	9	100%	191	100%

"Under–Employment" Assessment:	15.1001		BCIT	
Job is very or somewhat related to program	7	78%	164	86%
NOC Skill Level = 1 (University Education)*	0	0%	106	60%

*Of total valid responses; NOC 2021 (TEER)

Gross Annual Income from Main Job:*	15.1001		BCIT	
Less than $20,000	0	0%	~	~
$20,000 to $39,999	~	~	~	~
$40,000 to $59,999	0	0%	18	12%
$60,000 to $79,999	~	~	45	30%
$80,000 to $99,999	~	~	40	26%
$100,000 and Above	~	~	40	26%
Total	6	100%	151	100%
Median Annual Income (full–time) ($)	107,500		83,136	
Average Annual Income (full–time) ($)	115,667		88,207	

*Where data provided

Gross Annual FT Income From Main Job ($,000)
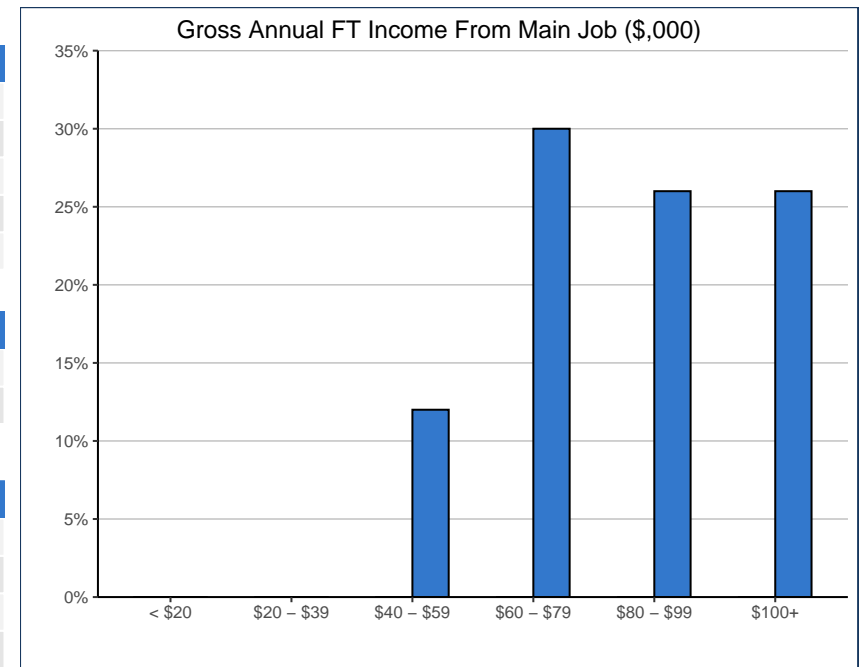
NOC Skill Type of Main Job (NOC 2021):	15.1001		BCIT	
Legislative and senior management	0	0%	3	2%
Business, finance & administration	0	0%	33	19%
Natural & applied sciences & related	1	11%	71	40%
Health	0	0%	38	21%
Education, law and social, community & government	0	0%	8	4%
Art, culture, recreation & sport	0	0%	0	0%
Sales & service	2	22%	6	3%
Trades, transport & equipment operators & related	6	67%	16	9%
Natural resources, agriculture & related production	0	0%	0	0%
Manufacturing & utilities	0	0%	3	2%
Total	9	100%	178	100%

Employed Graduates by NOC Skill Type

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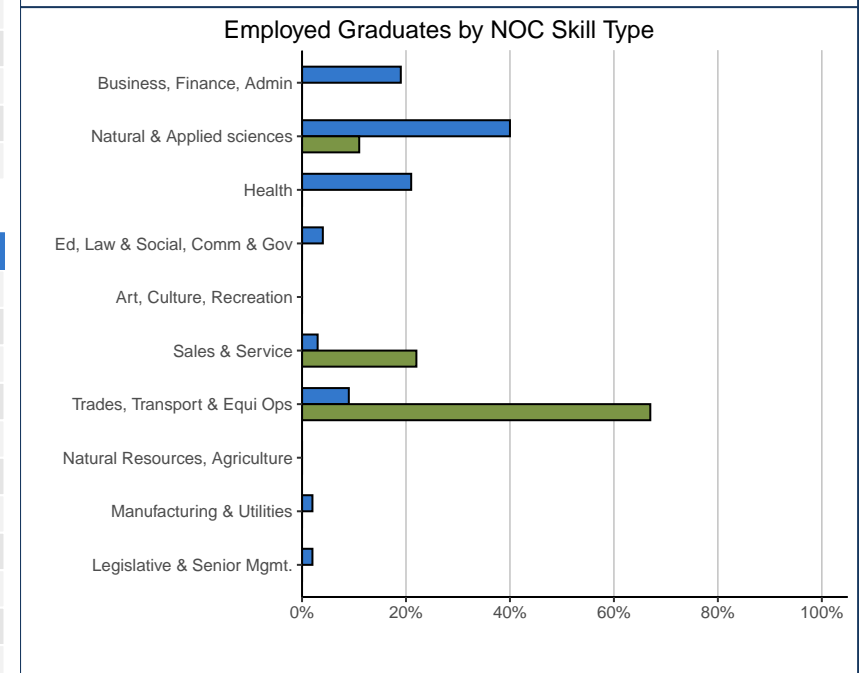
BCIT
15.1001

EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	15.1001		BCIT	
0. Management	6	67%	25	14%
1. University education	0	0%	106	60%
2. College education/trade apprenticeship (2+ years)	2	22%	38	21%
3. College education/trade apprenticeship (<2 years)	0	0%	6	3%
4. Secondary school + job–specific training	0	0%	1	1%
5. No formal education	1	11%	2	1%
Total	9	100%	178	100%

NOC Skill Level of Main Job
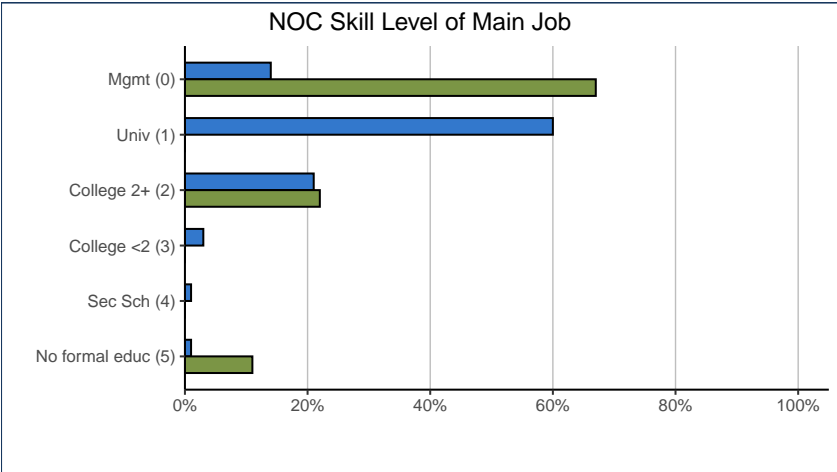
	15.1001				
How useful are the following skills and abilities in doing your main job?	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	67%	11%	22%	0%	9
Oral Communication	56%	22%	22%	0%	9
Reading and Comprehension	56%	33%	11%	0%	9
Group Collaboration	44%	44%	11%	0%	9
Critical Anlysis	56%	33%	11%	0%	9
Problem Resolution	67%	22%	11%	0%	9
Use of Mathematics	11%	67%	22%	0%	9
Conducting Research	22%	56%	22%	0%	9
Learning on Your Own	33%	67%	0%	0%	9

	BCIT				
How useful are the following skills and abilities in doing your main job?	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	77%	18%	3%	2%	190
Oral Communication	76%	21%	2%	1%	191
Reading and Comprehension	76%	20%	2%	2%	191
Group Collaboration	76%	21%	3%	0%	191
Critical Anlysis	83%	15%	2%	1%	190
Problem Resolution	79%	19%	1%	1%	191
Use of Mathematics	40%	42%	12%	6%	185
Conducting Research	45%	35%	14%	5%	187
Learning on Your Own	71%	27%	3%	0%	191

Useful Skills

"Very Useful" or "Somewhat Useful"

Top 10 Full–Time Occupations of 15.1001 Graduates*:			15.1001
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
70010	0	Construction managers	56%
*			
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* Data not displayed where n < 5; NOC 2021
** Percentages cited are of those employed

Top 10 Full–Time Occupations of BCIT Graduates*:			BCIT
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
31301	1	Registered nurses and registered psychiatric nurses	17%
11100	1	Financial auditors and accountants	7%
70010	0	Construction managers	5%
21310	1	Electrical and electronics engineers	4%
XXXXX	X	Unclassified occupations	4%
21231	1	Software engineers and designers	3%
*			
*			
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* Data not displayed where n < 5; NOC 2021
** Percentages cited are of those employed

BC Student Outcomes

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BCIT
15.1001

EDUCATION FINANCING

Funding Sources (3 sources allowed):*	15.1001		BCIT	
Personal savings, investments	7	70%	93	45%
Employment while studying	5	50%	91	44%
Family/Friends	4	40%	84	40%
Personal bank loans	1	10%	13	6%
Government student loans	2	20%	83	40%
Scholarships/Bursaries/Grants	1	10%	44	21%
Other	1	10%	39	19%
Total	10		208	

* Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	15.1001		BCIT	
Incurred any form of financial debt	4	40%	105	50%
Incurred government–sponsored student loan debt	2	20%	91	43%

* Percentage of respondents who provided data

Education Funding Sources

Financial Debt Amount:*	15.1001		BCIT	
< $1,000	0	0%	0	0%
$1,000 to $4,999	0	0%	3	4%
$5,000 to $9,999	0	0%	8	10%
$10,000 to $14,999	1	50%	13	15%
$15,000 to $19,999	0	0%	11	13%
$20,000 to $29,999	0	0%	15	18%
$30,000 to $39,999	0	0%	14	17%
$40,000 or More	1	50%	20	24%
Total	2	100%	84	100%
Median Financial Debt ($)	25,000		25,000	

* Includes only cases where financial debt was incurred

Financial Debt Incurred ($,000)

Gov't–Sponsored Student Loan Debt Amount:*	15.1001		BCIT	
< $1,000	0	0%	0	0%
$1,000 to $4,999	0	0%	3	5%
$5,000 to $9,999	0	0%	6	10%
$10,000 to $14,999	0	0%	7	12%
$15,000 to $19,999	0	0%	6	10%
$20,000 to $29,999	0	0%	14	23%
$30,000 to $39,999	0	0%	9	15%
$40,000 or More	0	0%	15	25%
Total	0	0%	60	100%
Median Gov't–Sponsored Loan Debt ($)	NA		25,000	

* Includes only cases where government–sponsored debt was incurred

Government–Sponsored Debt Incurred ($,000)

Gov't–Sponsored Loan Debt Outstanding:*	15.1001		BCIT	
None – Loan repaid in full	1	100%	16	23%
< $1,000	0	0%	0	0%
$1,000 to $4,999	0	0%	8	11%
$5,000 to $9,999	0	0%	6	8%
$10,000 to $14,999	0	0%	6	8%
$15,000 to $19,999	0	0%	8	11%
$20,000 to $29,999	0	0%	17	24%
$30,000 to $39,999	0	0%	8	11%
$40,000 or More	0	0%	2	3%
Total	1	100%	71	100%
Median Gov't–Sponsored Loan Debt Outstanding** ($)	NA		19,610	

* Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided
** Median amounts shown are based on those who had remaining government student loan debt

Outstanding Government–Sponsored Debt ($,000)