

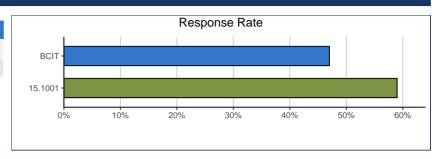
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

BCIT 15.1001

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

RESPONSE RATE

Survey Response Rate:	15.1001		BCIT	
Baccalaureate Graduates Survey Cohort	66	100%	909	100%
Survey Respondents and Response Rate	39	59%	426	47%

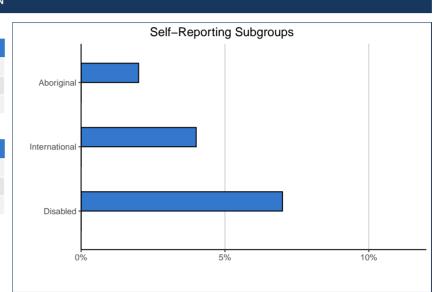


DEMOGRAPHIC INFORMATION

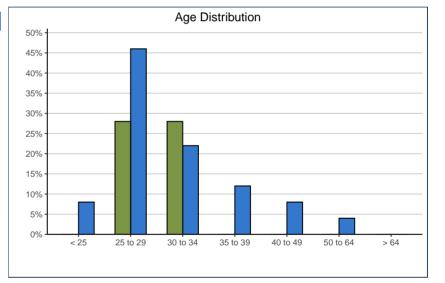
Self-Reporting Subgroups:	15.1001		В	CIT
Disabled	~	~	28	7%
International	~	~	15	4%
Aboriginal	0	0%	6	2%

Gender:*	15.1001		ВС	CIT
Male	28	72%	249	58%
Female	11	28%	177	42%
Total	39	100%	426	100%

^{*}Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

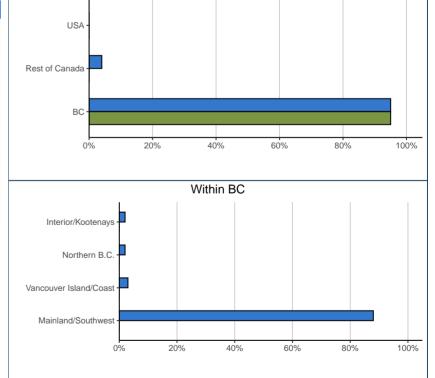


Age (at time of survey):	15.1001		BCIT	
< 25	0	0%	33	8%
25 to 29	11	28%	195	46%
30 to 34	11	28%	95	22%
35 to 39	~	~	52	12%
40 to 49	~	~	35	8%
50 to 64	~	~	16	4%
> 64	0	0%	0	0%
Total	39	100%	426	100%
Median Age	33		29	
Average (mean) Age	35		31	



Place of Residence

Place of Residence (at time of survey):	15.1001		BCIT	
BC – Mainland/Southwest	~	~	342	88%
BC - Vancouver Island/Coast	~	~	12	3%
BC – Northern B.C.	0	0%	6	2%
BC – Interior/Kootenays	~	~	8	2%
BC Subtotal	37	95%	368	95%
Canada – Alberta	0	0%	~	~
Canada – Ontario	0	0%	9	2%
Canada – Other	~	~	7	2%
U.S.A.	~	~	~	~
Non-BC Subtotal	~	~	21	5%
Total	~	~	389	100%





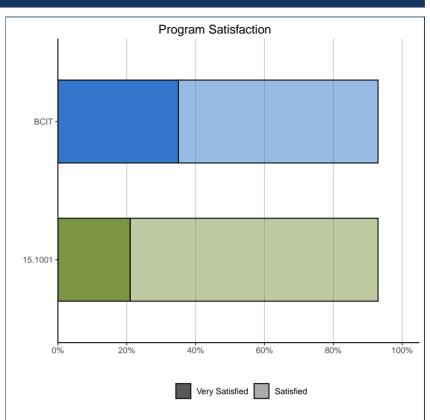


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.1001		BCIT	
Very Satisfied	8	21%	146	35%
Satisfied	28	72%	244	58%
Dissatisfied	3	8%	28	7%
Very Dissatisfied	0	0%	3	1%
Total	39	100%	421	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.1001		BCIT	
Very Useful	16	41%	208	52%
Somewhat Useful	20	51%	158	39%
Not Very Useful	3	8%	31	8%
Not at All Useful	0	0%	6	1%
Total	39	100%	403	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.	1001	BCIT	
Yes	9	24%	60	14%
No	28	76%	355	86%



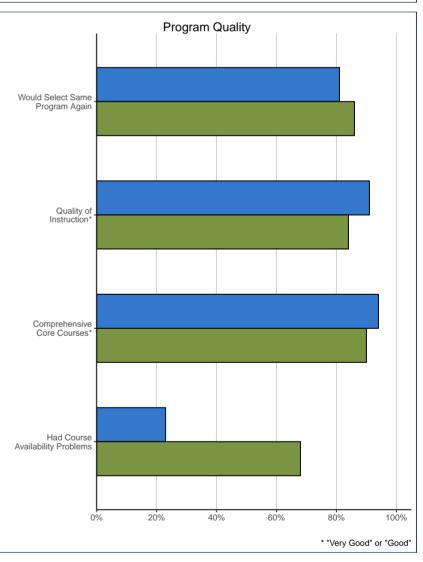
Would select the same program again:	15.1001		BCIT	
Yes	31	86%	312	81%
No	5	14%	75	19%

Quality of Instruction:	15.1001		BCIT	
Very Good	11	28%	116	27%
Good	22	56%	272	64%
Poor	5	13%	30	7%
Very Poor	1	3%	4	1%
Total	39	100%	422	100%

Comprehensiveness of Core Courses:	15.	15.1001		CIT
Very Good	9	23%	140	33%
Good	26	67%	258	61%
Poor	4	10%	22	5%
Very Poor	0	0%	4	1%
Total	39	100%	424	100%

Course Availability: 15.1001 BCIT	15.1001 BCIT	BCIT		
Encountered course availability problems 25 68% 98	ns 25 68% 98 23%			

Financial Constraints:	15.1001		В	CIT
Had to interrupt studies for financial reasons	4	10%	41	10%
Had to take program part-time for financial reasons	12	31%	76	18%

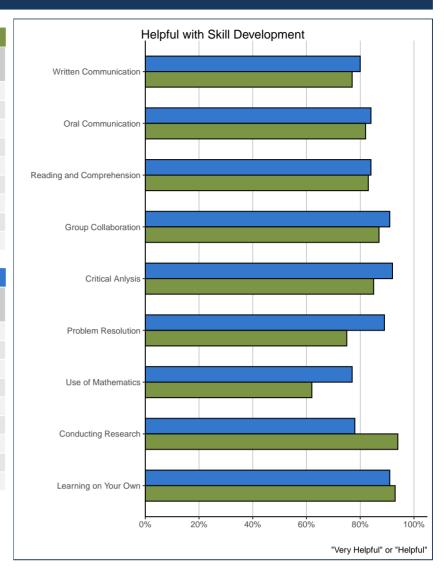




SKILL DEVELOPMENT

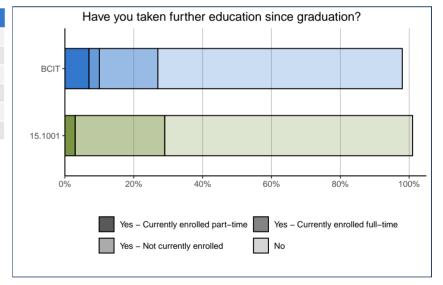
			15.1001		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	23%	54%	18%	5%	39
Oral Communication	15%	67%	15%	3%	39
Reading and Comprehension	12%	71%	12%	6%	34
Group Collaboration	33%	54%	13%	0%	39
Critical Anlysis	26%	59%	13%	3%	39
Problem Resolution	21%	54%	26%	0%	39
Use of Mathematics	0%	62%	34%	3%	29
Conducting Research	15%	79%	6%	0%	33
Learning on Your Own	26%	67%	8%	0%	39

			BCIT		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	22%	58%	16%	4%	411
Oral Communication	23%	61%	13%	3%	412
Reading and Comprehension	21%	63%	14%	2%	408
Group Collaboration	39%	52%	7%	2%	424
Critical Anlysis	43%	49%	6%	1%	421
Problem Resolution	29%	60%	9%	1%	418
Use of Mathematics	26%	51%	20%	3%	367
Conducting Research	22%	56%	19%	4%	399
Learning on Your Own	39%	52%	7%	1%	414

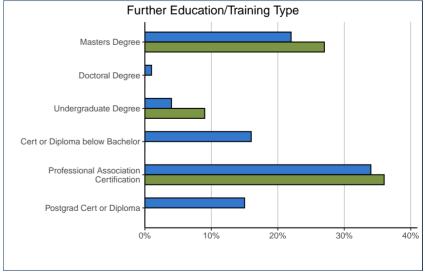


FURTHER EDUCATION

Took further education since 2020 graduation:	15.1001		BCIT	
Yes	11	28%	122	29%
Not currently enrolled	10	26%	74	17%
Currently enrolled full-time	0	0%	12	3%
Currently enrolled part-time	1	3%	31	7%
No	28	72%	303	71%
Total	39	100%	425	100%



Type of Formal Post–Secondary Education:	15.	15.1001		CIT
Masters Degree	3	27%	26	22%
Doctoral Degree	0	0%	1	1%
Another Undergraduate Degree	1	9%	5	4%
Certificate or Diploma below Bachelor level	0	0%	19	16%
Professional Association Certification	4	36%	41	34%
Postgraduate Certificate or Diploma	0	0%	18	15%
Other	3	27%	10	8%
Total	11	100%	120	100%

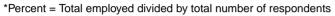




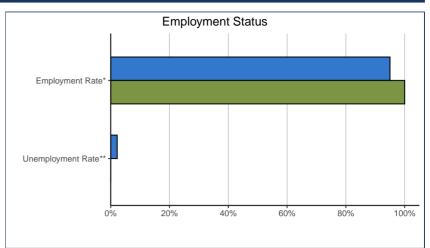


EMPLOYMENT

Labour Fource Status:	15	15.1001		CIT
In Labour Force (working or seeking work)	39	100%	413	97%
Not in Labour Force	0	0%	12	3%
Total	39	100%	425	100%
Employment:	15	.1001	1 BCIT	
Employment Rate*	39	100%	404	95%
Unemployment Rate**	0	0.0%	9	2.2%



^{**}Percent = Total unemployed divided by total number in Labour Force

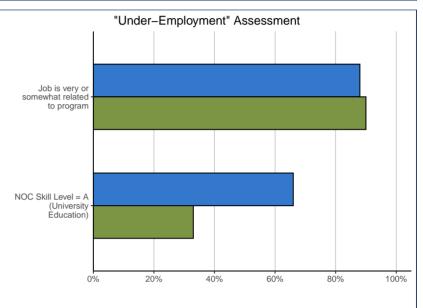


Status of Graduates NOT in Labour Force:	15.1001		BCIT	
Attending School FT	0	0%	5	42%
Attending School PT	0	0%	0	0%
Other	0	0%	7	58%
Total NOT in Labour Force	0	0%	12	100%

Primary Employment Type:	15.1	1001 BC		CIT
Paid worker	37 95%		390	97%
Self-employed	2	5%	12	3%
Total	39	100%	402	100%

Job Characteristics:	15.	1001	В	CIT	
I hold more than one job*	7	18%	47	12%	
My main job is full-time (>= 30 hours per week)**	37	95%	373	95%	

^{*}Of total Employed



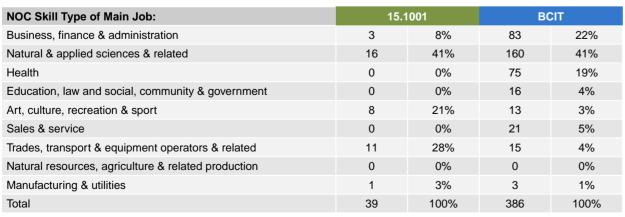
How related is your main job to your program?	15.1001		BCIT	
Very Related	24	62%	231	57%
Somewhat Related	11	28%	126	31%
Not Very Related	3	8%	28	7%
Not at All Related	1	3%	19	5%
Total	39	100%	404	100%

"Under-employment" Assessment:	15.1001		BCIT	
Job is very or somewhat related to program	35	90%	357	88%
NOC Skill Level = A (University Education)*	13	33%	255	66%

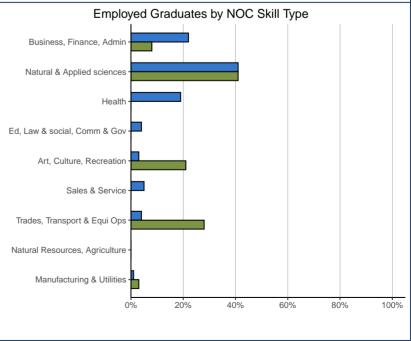
^{*}Of total valid responses

Gross Annual Income from Main Job:*	15	15.1001		BCIT	
Less than \$20,000	~	~	~	~	
\$20,000 to \$39,999	~	~	~	~	
\$40,000 to \$59,999	~	~	41	13%	
\$60,000 to \$79,999	6	19%	120	38%	
\$80,000 to \$99,999	~	~	83	26%	
\$100,000 and Above	15	48%	60	19%	
Total	31	100%	318	100%	
Median Annual Income (full-time) (\$)	98,000		78,210		
Average Annual Income (full-time) (\$)	108,108		83,710		
*Where data provided					

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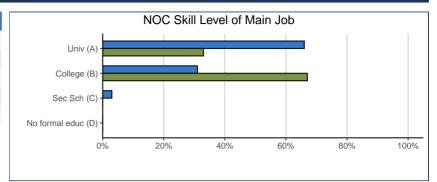
^{**}Of those who provided data on hours/week worked





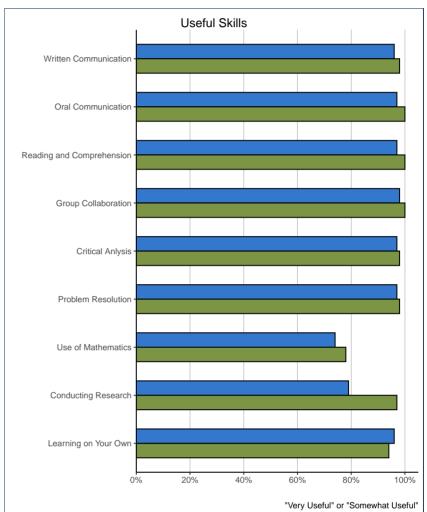
EMPLOYMENT, continued

NOC Skill Level of Main Job:	15.1001		BCIT	
A. University education	13	33%	255	66%
B. College education/trade apprenticeship	26	67%	120	31%
C. Secondary school + job-specific training	0	0%	12	3%
D. No formal education	0	0%	1	0%
Total	39	100%	388	100%



	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	72%	26%	3%	0%	39
Oral Communication	77%	23%	0%	0%	39
Reading and Comprehension	72%	28%	0%	0%	39
Group Collaboration	79%	21%	0%	0%	39
Critical Anlysis	72%	26%	3%	0%	39
Problem Resolution	72%	26%	3%	0%	39
Use of Mathematics	39%	39%	17%	6%	36
Conducting Research	39%	58%	3%	0%	38
Learning on Your Own	56%	38%	5%	0%	39

	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	71%	25%	3%	1%	402
Oral Communication	74%	23%	3%	1%	399
Reading and Comprehension	69%	28%	2%	1%	402
Group Collaboration	76%	22%	2%	0%	401
Critical Anlysis	77%	20%	2%	1%	401
Problem Resolution	77%	20%	1%	1%	401
Use of Mathematics	35%	39%	19%	8%	392
Conducting Research	37%	42%	14%	7%	393
Learning on Your Own	63%	33%	2%	1%	399



Top 10 Full-time Occupations of 15.1001 Graduates:		15.1001	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2234	В	Construction estimators	33%
0711	A	Construction managers	23%
5242	В	Interior designers and interior decorators	18%
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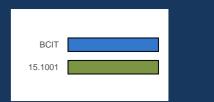
^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

Top 10 Full-time Occupations of BCIT Graduates:		BCIT	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	13%
1111	A	Financial auditors and accountants	8%
2234	В	Construction estimators	4%
2131	Α	Civil engineers	3%
2174	Α	Computer programmers and interactive media developers	3%
XXXX	0	Unclassified occupations	3%
2133	Α	Electrical and electronics engineers	3%
2173	Α	Software engineers and designers	3%
2132	Α	Mechanical engineers	3%
0711	Α	Construction managers	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*		1001	BCIT		
Personal savings, investments		44%	183	44%	
Employment while studying		59%	191	46%	
Family/Friends	16	41%	186	45%	
Personal bank loans	4	10%	33	8%	
Government student loans	11	28%	141	34%	
Scholarships/Bursaries/Grants	2	5%	85	21%	
Other	13	33%	88	21%	
Total	39		414		

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	15.1001		BCIT	
Incurred any form of financial debt	17	44%	190	46%
Incurred government-sponsored student loan debt	11	28%	156	37%

^{*} Percentage of respondents who provided data



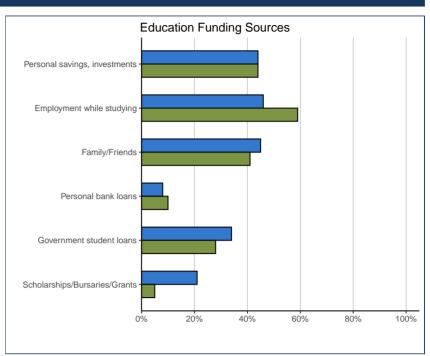
^{*} Includes only cases where financial debt was incurred

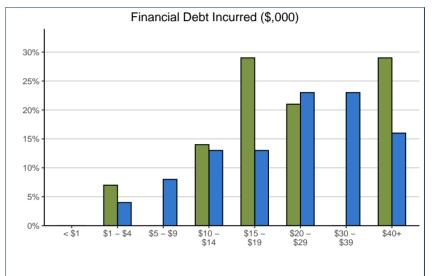


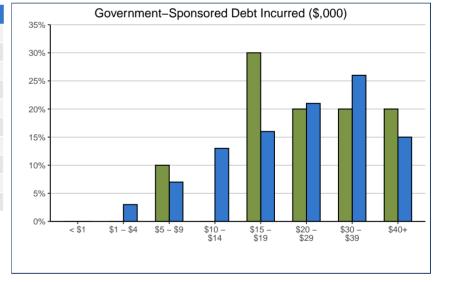
^{*} Includes only cases where government-sponsored debt was incurred

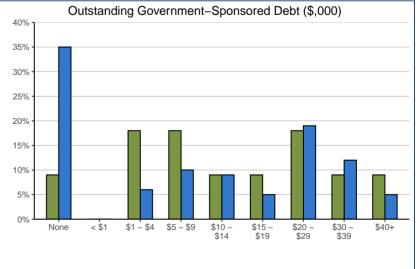


 $^{^{\}star}$ Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









^{**} Median amounts shown are based on those who had remaining government student loan debt