

B.C. Baccalaureate Outcomes

2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results

British Columbia Institute of Technology

15.0507: Environmental engineering technology/environmental technology

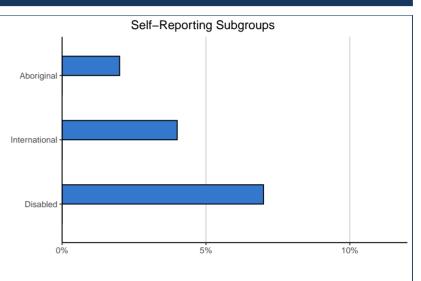
BCIT	
15.0507	

RESPONSE RATE									
Survey Response Rate: 15.0507 BCIT						Response Rate			
Baccalaureate Graduates Survey Cohort	17	100%	909	100%	BCIT -				
Survey Respondents and Response Rate	11	65%	426	47%	BOIT				
					15.0507 -				
					0%	2	0% 4	0%	60%

DEMOGRAPHIC INFORMATION

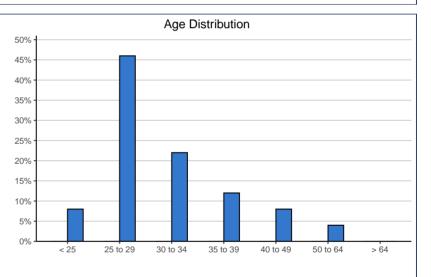
Self-Reporting Subgroups:	15.0	15.0507		СІТ
Disabled	~	~	28	7%
International	0	0%	15	4%
Aboriginal	0	0%	6	2%

Gender:*	15.0507		BCIT	
Male	6	55%	249	58%
Female	5	45%	177	42%
Total	11	100%	426	100%

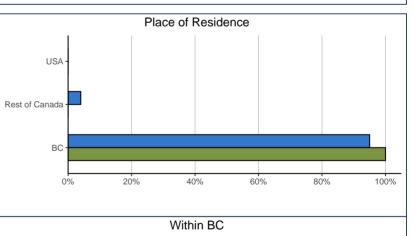


*Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

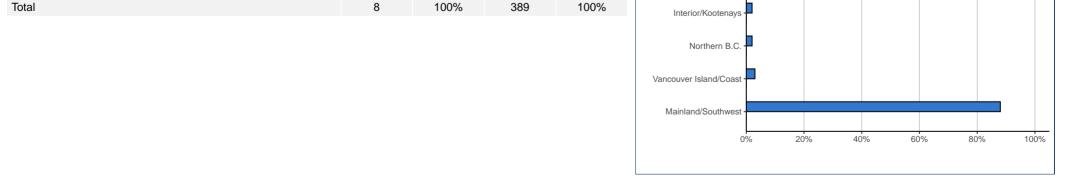
Age (at time of survey):	15.0507		BCIT	
< 25	0	0%	33	8%
25 to 29	~	~	195	46%
30 to 34	~	~	95	22%
35 to 39	~	~	52	12%
40 to 49	~	~	35	8%
50 to 64	0	0%	16	4%
> 64	0	0%	0	0%
Total	11	100%	426	100%
Median Age	30		29	
Average (mean) Age	32		31	



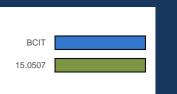
Place of Residence (at time of survey):	15	15.0507		BCIT	
BC – Mainland/Southwest	~	~	342	88%	
BC – Vancouver Island/Coast	~	~	12	3%	
BC – Northern B.C.	~	~	6	2%	
BC – Interior/Kootenays	0	0%	8	2%	
BC Subtotal	8	100%	368	95%	
Canada – Alberta	0	0%	~	~	
Canada – Ontario	0	0%	9	2%	
Canada – Other	0	0%	7	2%	
U.S.A.	0	0%	~	~	
Non-BC Subtotal	0	0%	21	5%	
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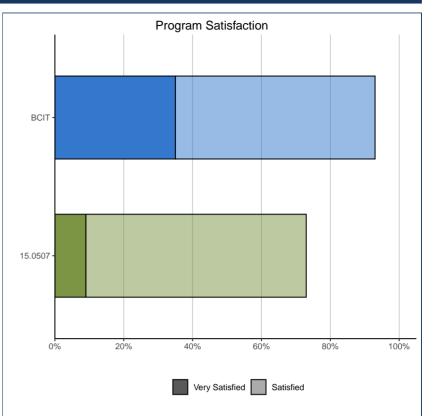


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.0507		BCIT	
Very Satisfied	1	9%	146	35%
Satisfied	7	64%	244	58%
Dissatisfied	2	18%	28	7%
Very Dissatisfied	1	9%	3	1%
Total	11	100%	421	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.0507		ВС	ЛТ
Very Useful	3	30%	208	52%
Somewhat Useful	4	40%	158	39%
Not Very Useful	2	20%	31	8%
Not at All Useful	1	10%	6	1%
Total	10	100%	403	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.0507		ВСІТ	
Yes	1	9%	60	14%
No	10	91%	355	86%



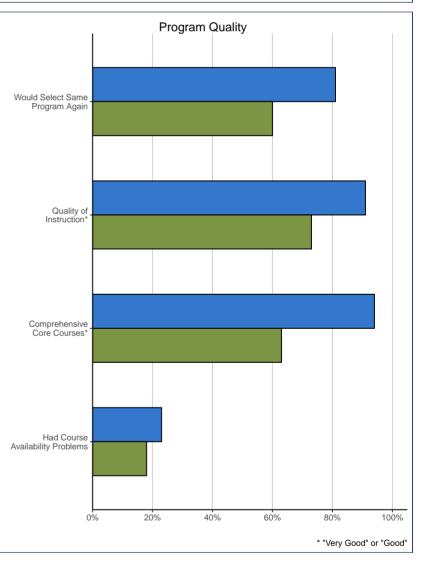
Would select the same program again:	15.0507		BCIT	
Yes	6	60%	312	81%
No	4	40%	75	19%

Quality of Instruction:	15.0507		BC	СІТ
Very Good	0	0%	116	27%
Good	8	73%	272	64%
Poor	1	9%	30	7%
Very Poor	2	18%	4	1%
Total	11	100%	422	100%

Comprehensiveness of Core Courses:	15.0507		BCIT	
Very Good	2	18%	140	33%
Good	5	45%	258	61%
Poor	2	18%	22	5%
Very Poor	2	18%	4	1%
Total	11	100%	424	100%

Course Availability:	15.0507		BC	Л
Encountered course availability problems	2	18%	98	23%

Financial Constraints:	15.0507		BCIT	
Had to interrupt studies for financial reasons	1	9%	41	10%
Had to take program part-time for financial reasons	3	27%	76	18%



Note: \sim indicates low cell count; data suppressed

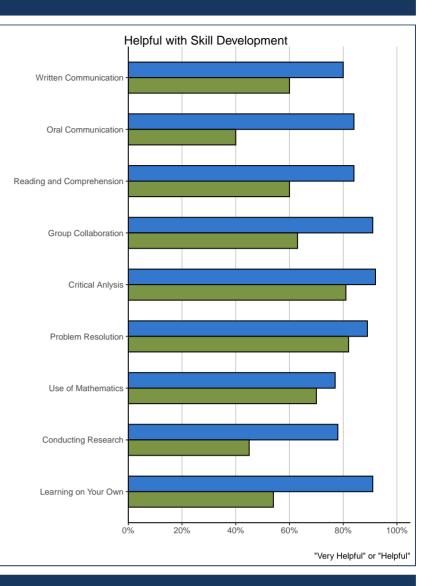




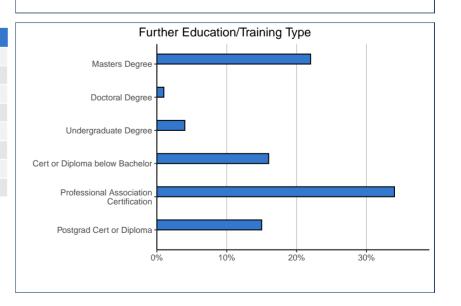
SKILL DEVELOPMENT

			15.0507		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	10%	50%	20%	20%	10
Oral Communication	10%	30%	40%	20%	10
Reading and Comprehension	20%	40%	20%	20%	10
Group Collaboration	27%	36%	9%	27%	11
Critical Anlysis	36%	45%	0%	18%	11
Problem Resolution	9%	73%	0%	18%	11
Use of Mathematics	20%	50%	20%	10%	10
Conducting Research	0%	45%	27%	27%	11
Learning on Your Own	27%	27%	27%	18%	11

			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



Have you taken further education since graduation?



FURTHER EDUCATION

BCIT

22%

1%

4%

16%

34%

26

1

5

19

41

Took further education since 2020 graduation:	15.0507		BCIT	
Yes	0	0%	122	29%
Not currently enrolled	0	0%	74	17%
Currently enrolled full-time	0	0%	12	3%
Currently enrolled part-time	0	0%	31	7%
No	11	100%	303	71%
Total	11	100%	425	100%

Postgraduate Certificate or Diploma	0	0%	18	15%
Other	0	0%	10	8%
Total	0	0%	120	100%

15.0507

0%

0%

0%

0%

0%

0

0

0

0

0

Type of Formal Post–Secondary Education:

Certificate or Diploma below Bachelor level

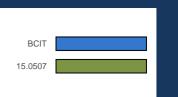
Professional Association Certification

Masters Degree

Doctoral Degree

Another Undergraduate Degree





EMPLOYMENT

9

2.2%

9.1%

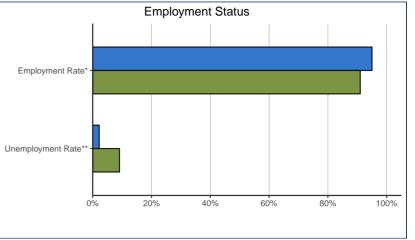
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Labour Fource Status:	15.0507		BCIT	
In Labour Force (working or seeking work)	11	100%	413	97%
Not in Labour Force	0	0%	12	3%
Total	11	100%	425	100%
Employment:	15.0507		507 BCIT	
Employment Rate*	10	91%	404	95%

Unemployment Rate**

*Percent = Total employed divided by total number of respondents

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



Status of Graduates NOT in Labour Force:	15.0507		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:	15.0507		B	CIT
Paid worker	10	100%	390	97%
Self-employed	0	0%	12	3%
Total	10	100%	402	100%

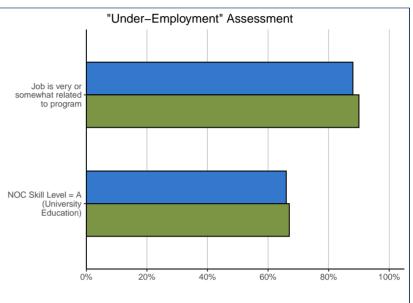
Job Characteristics:	15.	15.0507		CIT
I hold more than one job*	0	0%	47	12%
My main job is full-time (>= 30 hours per week)**	10	100%	373	95%
*Of total Employed				

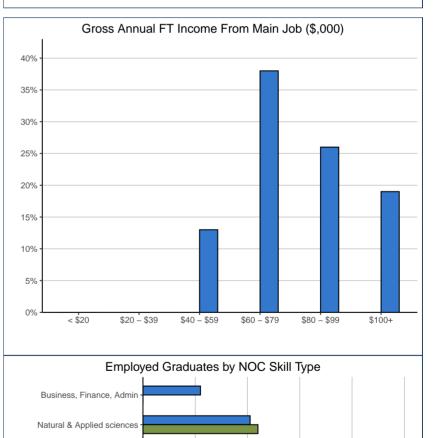


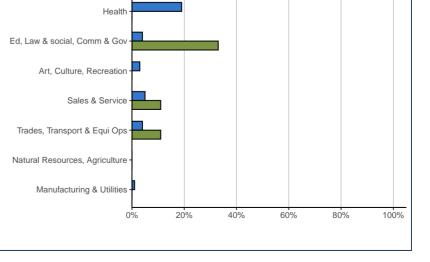
How related is your main job to your program?	15.0507		BCIT	
Very Related	3	30%	231	57%
Somewhat Related	6	60%	126	31%
Not Very Related	0	0%	28	7%
Not at All Related	1	10%	19	5%
Total	10	100%	404	100%

"Under-employment" Assessment:	15.0507		ent" Assessment: 15.0507		BC	CIT
Job is very or somewhat related to program	9	90%	357	88%		
NOC Skill Level = A (University Education)*	6	67%	255	66%		
*Of total valid responses						

Gross Annual Income from Main Job:*	15.0507		BC	CIT
Less than \$20,000	0	0%	~	~
\$20,000 to \$39,999	0	0%	~	~
\$40,000 to \$59,999	~	~	41	13%
\$60,000 to \$79,999	~	~	120	38%
\$80,000 to \$99,999	0	0%	83	26%
\$100,000 and Above	0	0%	60	19%
Total	7	100%	318	100%
Median Annual Income (full-time) (\$)	62,496		78,210	
Average Annual Income (full-time) (\$)	63,000		83,710	
	03,000		00,110	
Where data provided	03,000		00,110	
		0507	B	СІТ
Where data provided NOC Skill Type of Main Job: Business, finance & administration		0%	B(83	22%
Where data provided	15.0		B	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	15.(0	0%	B(83	22%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	15. 0 4	0% 44%	B(83 160	22% 41%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government	15.0 0 4 0	0% 44% 0%	B(83 160 75	22% 41% 19%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport	15.0 0 4 0 3	0% 44% 0% 33%	B(83 160 75 16	22% 41% 19% 4%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service	15. 0 4 0 3 0	0% 44% 0% 33% 0%	B(83 160 75 16 13	22% 41% 19% 4% 3%
Where data provided NOC Skill Type of Main Job: Business, finance & administration	15. 0 4 0 3 0 1	0% 44% 0% 33% 0% 11%	B(83 160 75 16 13 21	22% 41% 19% 4% 3% 5%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service Trades, transport & equipment operators & related	15. 0 4 0 3 0 1 1	0% 44% 0% 33% 0% 11% 11%	B(83 160 75 16 13 21 15	22% 41% 19% 4% 3% 5% 4%

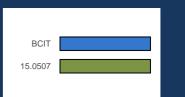






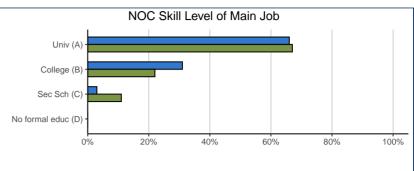
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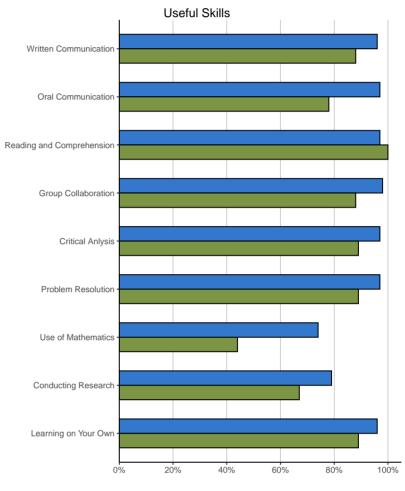
EMPLOYMENT, continued

NOC Skill Level of Main Job:	15	.0507	BCIT	
A. University education	6	67%	255	66%
B. College education/trade apprenticeship	2	22%	120	31%
C. Secondary school + job-specific training	1	11%	12	3%
D. No formal education	0	0%	1	0%
Total	9	100%	388	100%



	15.0507					
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	44%	44%	11%	0%	9	
Oral Communication	67%	11%	22%	0%	9	
Reading and Comprehension	56%	44%	0%	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%	33%	44%	11%	9	
Conducting Research	11%	56%	11%	22%	9	
Learning on Your Own	33%	56%	0%	11%	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	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	



"Very Useful" or "Somewhat Useful"

Top 10 Full-time Oc	cupations of 15.0507 G	raduates:	15.0507
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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* Data not displayed wl	pere $n < 5$		

* Data not displayed where n < 5

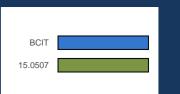
** Percentages cited are of those employed

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	A	Civil engineers	3%
2174	A	Computer programmers and interactive media developers	3%
XXXX	0	Unclassified occupations	3%
2133	A	Electrical and electronics engineers	3%
2173	A	Software engineers and designers	3%
2132	A	Mechanical engineers	3%
0711	A	Construction managers	2%

* Data not displayed where n < 5

** Percentages cited are of those employed



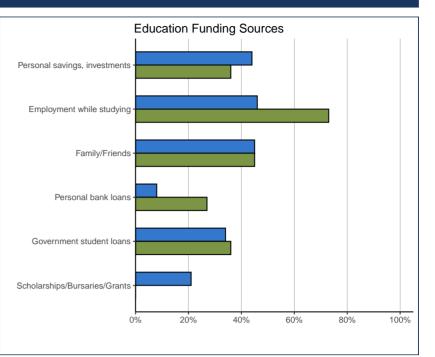


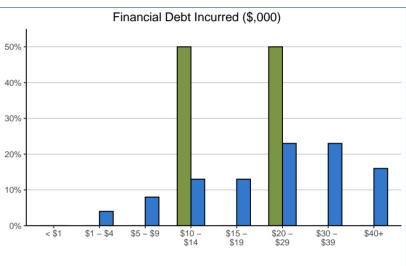
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	15.0507		BC	TI
Personal savings, investments	4	36%	183	44%
Employment while studying	8	73%	191	46%
Family/Friends	5	45%	186	45%
Personal bank loans	3	27%	33	8%
Government student loans	4	36%	141	34%
Scholarships/Bursaries/Grants	0	0%	85	21%
Other	1	9%	88	21%
Total	11		414	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	15.0	15.0507		Л
Incurred any form of financial debt	6	55%	190	46%
Incurred government-sponsored student loan debt	4	36%	156	37%
* Percentage of respondents who provided data				

Financial Debt Amount:*	15.0507		BCIT	
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	6	4%
\$5,000 to \$9,999	0	0%	11	8%
\$10,000 to \$14,999	2	50%	18	13%
\$15,000 to \$19,999	0	0%	18	13%
\$20,000 to \$29,999	2	50%	33	23%
\$30,000 to \$39,999	0	0%	32	23%
\$40,000 or More	0	0%	23	16%
Total	4	100%	141	100%
Median Financial Debt (\$)	16,500		24,000	



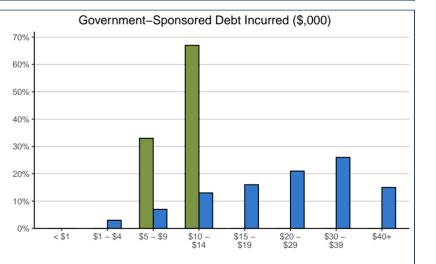


Includes only cases where financial debt was incurred

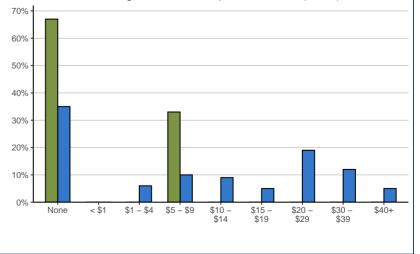
Gov't-Sponsored Student Loan Debt Amount:*	15.	15.0507		СІТ
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	3	3%
\$5,000 to \$9,999	1	33%	7	7%
\$10,000 to \$14,999	2	67%	13	13%
\$15,000 to \$19,999	0	0%	16	16%
\$20,000 to \$29,999	0	0%	21	21%
\$30,000 to \$39,999	0	0%	26	26%
\$40,000 or More	0	0%	15	15%
Total	3	100%	101	100%
Median Gov't-Sponsored Loan Debt (\$)	13,000		25,000	

^t Includes only cases where government–sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	15.0	0507	BCIT	
None – Loan repaid in full	2	67%	43	35%
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	8	6%
\$5,000 to \$9,999	1	33%	12	10%
\$10,000 to \$14,999	0	0%	11	9%
\$15,000 to \$19,999	0	0%	6	5%
\$20,000 to \$29,999	0	0%	23	19%
\$30,000 to \$39,999	0	0%	15	12%
\$40,000 or More	0	0%	6	5%
Total	3	100%	124	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	6,000		20,000	



Outstanding Government–Sponsored Debt (\$,000)



* 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