B.C. Baccalaureate Outcomes

2024 Survey of 2022 Baccalaureate Graduates

☑ BC Student □ Outcomes

Detailed Summary of Survey Results

British Columbia Institute of Technology

15.0303: Electrical, electronic and communications engineering technology/technician

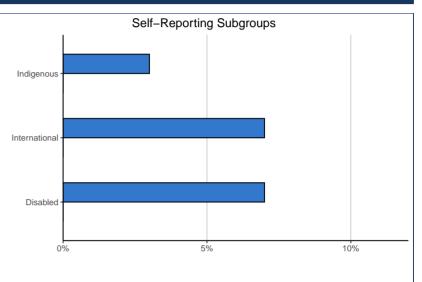
BCIT	
15.0303	

RESPONSE RATE												
Survey Response Rate: 15.0303 BCIT						R	Response	Rate				
Baccalaureate Graduates Survey Cohort	58	100%	870	100%	BCIT -							
Survey Respondents and Response Rate	17	29%	214	25%	BOIT							
					15.0303 -							
					0'	% 5%	10%	15%	209	6 25	0/_	30%

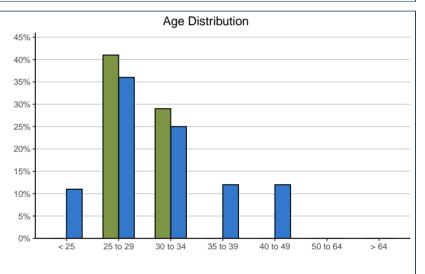
DEMOGRAPHIC INFORMATION

Self-Reporting Subgroups:	15.0	15.0303		СІТ
Disabled	0	0%	14	7%
International	0	0%	15	7%
Indigenous	0	0%	5	3%

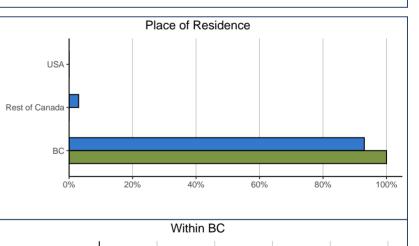
Gender:*	15.0303		BC	СІТ		
Man/Boy	17	100%	134	63%		
Woman/Girl	0	0%	80	37%		
Total	17	100%	214	100%		
*Due to zero or low counts, institution-reported "Non-Binary" demographic data are not included						



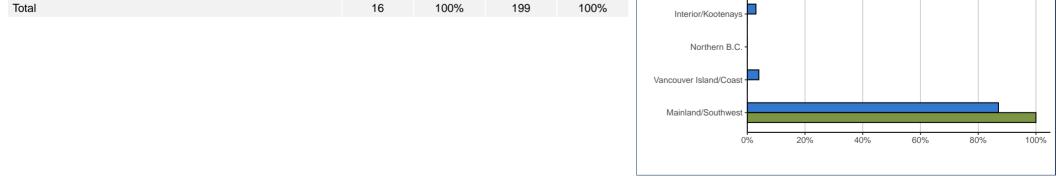
Age (at time of survey): 15.0303 BCIT < 25 ~ ~ 23 11% 25 to 29 77 7 41% 36% 30 to 34 29% 53 5 25% 35 to 39 26 12% ~ ~ 40 to 49 25 ~ ~ 12% 50 to 64 0 0% ~ ~ > 64 0 0% ~ ~ Total 17 100% 214 100% Median Age 28 30 Average (mean) Age 30 32



Place of Residence (at time of survey):	15.	0303	BCIT	
BC – Mainland/Southwest	16	100%	173	87%
BC – Vancouver Island/Coast	0	0%	7	4%
BC – Northern B.C.	0	0%	0	0%
BC – Interior/Kootenays	0	0%	5	3%
BC Subtotal	16	100%	185	93%
Canada – Alberta	0	0%	~	~
Canada – Ontario	0	0%	6	3%
Canada – Other	0	0%	~	~
U.S.A.	0	0%	0	0%
Non-BC Subtotal	0	0%	14	7%



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Detailed Summary of Survey Results British Columbia Institute of Technology 15.0303: Electrical, electronic and communications engineering technology/technician

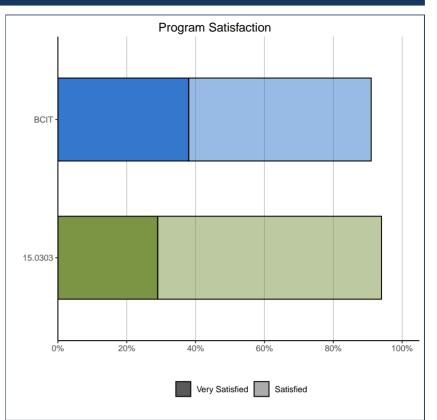
BCIT ______

EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.0303		BCIT	
Very Satisfied	5 29%		81	38%
Satisfied	11	65%	112	53%
Dissatisfied	0	0%	14	7%
Very Dissatisfied	1	6%	4	2%
Total	17	100%	211	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.0	15.0303		СІТ
Very Useful	3	21%	96	51%
Somewhat Useful	10	71%	77	41%
Not Very Useful	1	7%	13	7%
Not at All Useful	0	0%	4	2%
Total	14	100%	190	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.0303		ВСІТ	
Yes	1	6%	24	12%
No	16	94%	183	88%



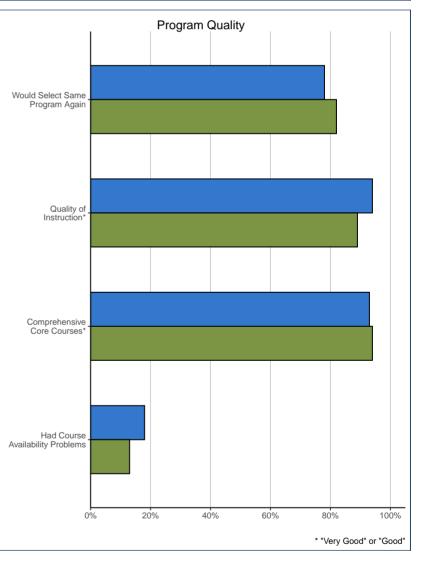
Would select the same program again:	15.0303		BC	CIT
Yes	14	82%	154	78%
No	3	18%	44	22%

Quality of Instruction:	15.0303		BCIT	
Very Good	3	18%	68	32%
Good	12	71%	132	62%
Poor	2	12%	11	5%
Very Poor	0	0%	1	0%
Total	17	100%	212	100%

Comprehensiveness of Core Courses:	15.0303		BCIT	
Very Good	6 35%		69	33%
Good	10	59%	127	60%
Poor	1	6%	11	5%
Very Poor	0	0%	3	1%
Total	17	100%	210	100%

Course Availability:	15.0303		BCIT	
Encountered course availability problems	2	13%	38	18%

Financial Constraints:	15.0303		BCIT	
Had to interrupt studies for financial reasons	0	0%	19	9%
Had to take program part-time for financial reasons	2	13%	35	17%



Note: \sim indicates low cell count; data suppressed

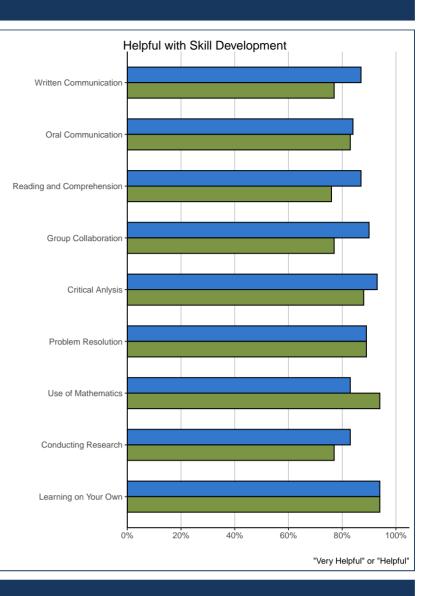
Detailed Summary of Survey Results British Columbia Institute of Technology 15.0303: Electrical, electronic and communications engineering technology/technician



SKILL DEVELOPMENT

		15.0303				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.	
Written Communication	24%	53%	24%	0%	17	
Oral Communication	24%	59%	18%	0%	17	
Reading and Comprehension	29%	47%	18%	6%	17	
Group Collaboration	53%	24%	24%	0%	17	
Critical Anlysis	35%	53%	12%	0%	17	
Problem Resolution	18%	71%	12%	0%	17	
Use of Mathematics	53%	41%	6%	0%	17	
Conducting Research	18%	59%	18%	6%	17	
Learning on Your Own	35%	59%	6%	0%	17	

			BCIT		
Skill Development: How helpful was institution?	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



Have you taken further education since graduation?

B	СІТ	Further Education/Training Type		
8	14%	Master's Degree		
0	0%			
6	10%	Doctoral Degree -		
14	24%			
15	26%	Undergraduate Degree		
6	10%			

FURTHER EDUCATION

15.0303		BCIT	
4	24%	59	28%
3	18%	34	16%
0	0%	5	2%
1	6%	20	9%
13	76%	154	72%
17	100%	213	100%
	4 3 0 1 13	4 24% 3 18% 0 0% 1 6% 13 76%	424%59318%3400%516%201376%154

Postgraduate Certificate or Diploma	0	0%	6	10%
Other	0	0%	9	16%
Total	4	100%	58	100%

15.0303

0%

0%

0%

50%

50%

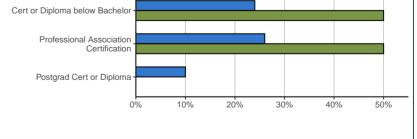
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Type of Formal Post–Secondary Education:

Certificate or Diploma below Bachelor Level

Professional Association Certification

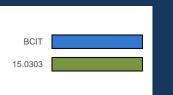
Master's Degree

Doctoral Degree

Another Undergraduate Degree

Detailed Summary of Survey Results British Columbia Institute of Technology

15.0303: Electrical, electronic and communications engineering technology/technician



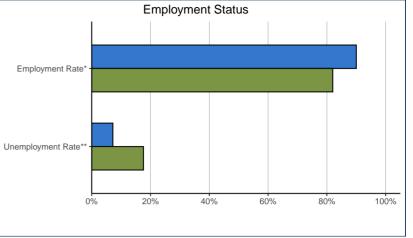
EMPLOYMENT

Labour Fource Status:	15.	15.0303		CIT
In Labour Force (working or seeking work)	17	100%	207	98%
Not in Labour Force	0	0%	5	2%
Total	17	100%	212	100%
Employment:	15.	0303	B	CIT
Employment Rate*	14	82%	192	90%
Unemployment Rate**	3	17.6%	15	7.2%

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:	15.0303		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:	15.0303		BCIT	
Paid Worker	13	93%	181	95%
Self-Employed	1	7%	10	5%
Total	14	100%	191	100%

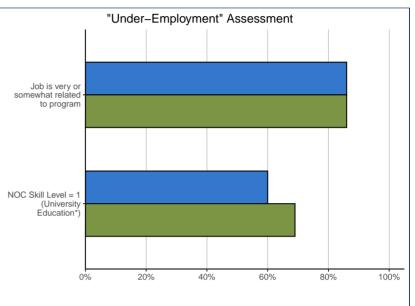
Job Characteristics:	15.0	15.0303		CIT
I hold more than one job*	2	14%	24	13%
My main job is full-time (>= 30 hours per week)**	14	100%	182	98%
*Of total employed				

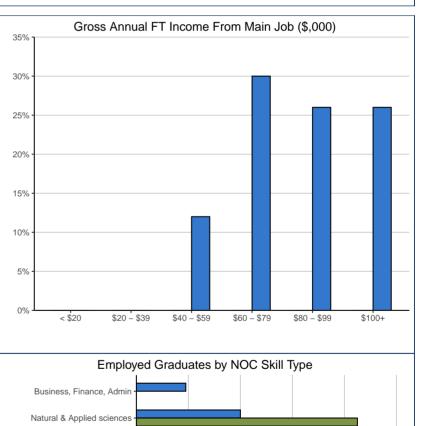


How related is your main job to your program?	15.	15.0303		CIT
Very Related	4	29%	110	58%
Somewhat Related	8	57%	54	28%
Not Very Related	1	7%	12	6%
Not at All Related	1	7%	15	8%
Total	14	100%	191	100%

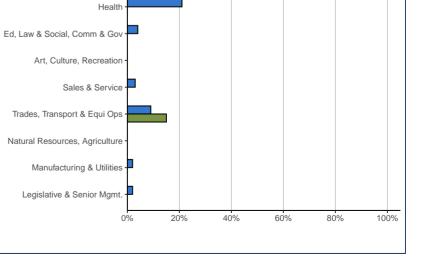
"Under-Employment" Assessment:	15.0303		BCIT	
Job is very or somewhat related to program	12	86%	164	86%
NOC Skill Level = 1 (University Education)*	9	69%	106	60%
*Of total valid responses; NOC 2021 (TEER)				

Gross Annual Income from Main Job:*	15.	0303	B	СІТ
Less than \$20,000	0	0%	~	~
\$20,000 to \$39,999	0	0%	~	~
\$40,000 to \$59,999	~	~	18	12%
\$60,000 to \$79,999	~	~	45	30%
\$80,000 to \$99,999	~	~	40	26%
\$100,000 and Above	~	~	40	26%
Total	11	100%	151	100%
Median Annual Income (full-time) (\$)	83,136		83,136	
Average Annual Income (full-time) (\$)	87,241		88,207	
*Where data provided				





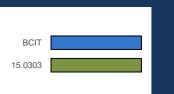
NOC Skill Type of Main Job (NOC 2021):	15.0303 BCIT		СІТ	
Legislative and senior management	0	0%	3	2%
Business, finance & administration	0	0%	33	19%
Natural & applied sciences & related	11	85%	71	40%
Health	0	0%	38	21%
Education, law and social, community & government	0	0%	8	4%
Art, culture, recreation & sport	0	0%	0	0%
Sales & service	0	0%	6	3%
Trades, transport & equipment operators & related	2	15%	16	9%
Natural resources, agriculture & related production	0	0%	0	0%
Manufacturing & utilities	0	0%	3	2%
Total	13	100%	178	100%



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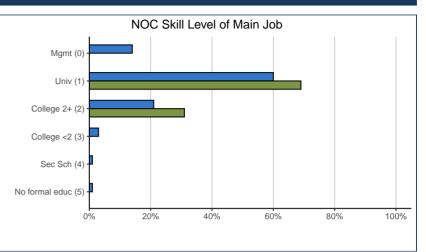
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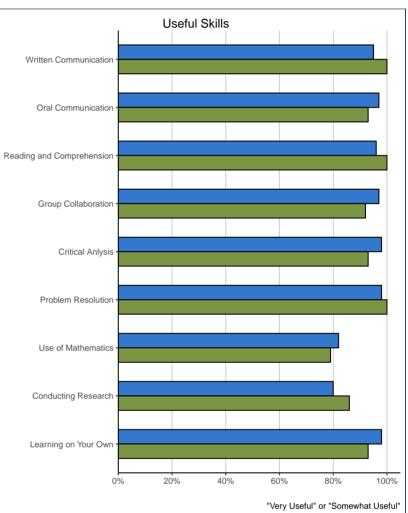
EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	15.	15.0303		CIT
0. Management	0	0%	25	14%
1. University education	9	69%	106	60%
2. College education/trade apprenticeship (2+ years)	4	31%	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	0	0%	2	1%
Total	13	100%	178	100%



	15.0303				
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	64%	36%	0%	0%	14
Oral Communication	79%	14%	7%	0%	14
Reading and Comprehension	79%	21%	0%	0%	14
Group Collaboration	71%	21%	7%	0%	14
Critical Anlysis	86%	7%	7%	0%	14
Problem Resolution	79%	21%	0%	0%	14
Use of Mathematics	29%	50%	21%	0%	14
Conducting Research	50%	36%	14%	0%	14
Learning on Your Own	79%	14%	7%	0%	14

	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



Top 10 Full-Tir	me Occupations of 15.0303	Graduates*:	15.0303
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21310	1	Electrical and electronics engineers	57%
*			
*			
*			
*			
*			
*			

* Data not displayed where n < 5; NOC 2021 ** Percentages cited are of those employed

Top 10 Full-Tin	ne Occupations of BCIT G	raduates*:	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	Х	Unclassified occupations	4%
21231	1	Software engineers and designers	3%
*			
*			
*			
*			
* Data not display	ed where $n < 5$ NOC 2021		

* Data not displayed where n < 5; NOC 2021 ** Percentages cited are of those employed

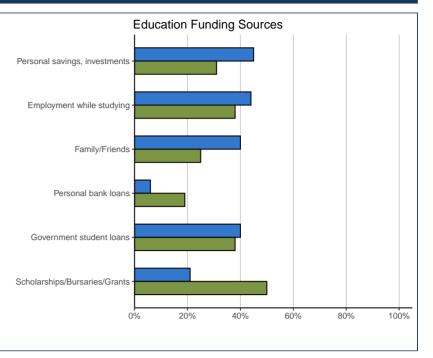
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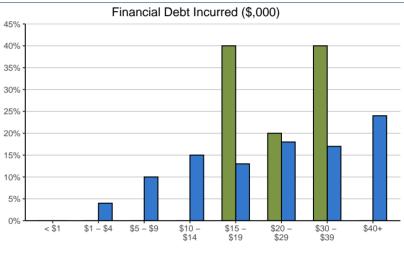
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	15.0303		BCIT	
Personal savings, investments	5	31%	93	45%
Employment while studying	6	38%	91	44%
Family/Friends	4	25%	84	40%
Personal bank loans	3	19%	13	6%
Government student loans	6	38%	83	40%
Scholarships/Bursaries/Grants	8	50%	44	21%
Other	5	31%	39	19%
Total	16		208	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	15.	0303	BC	TI
Incurred any form of financial debt	8	50%	105	50%
Incurred government-sponsored student loan debt	7	44%	91	43%
* Percentage of respondents who provided data				

Financial Debt Amount:*	15.0303		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	0	0%	13	15%
\$15,000 to \$19,999	2	40%	11	13%
\$20,000 to \$29,999	1	20%	15	18%
\$30,000 to \$39,999	2	40%	14	17%
\$40,000 or More	0	0%	20	24%
Total	5	100%	84	100%
Median Financial Debt (\$)	25,000		25,000	



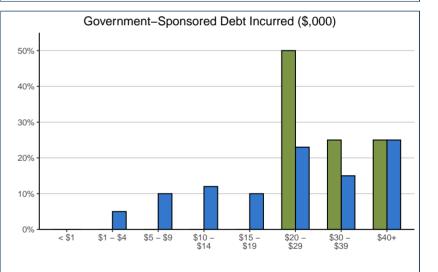


Includes only cases where financial debt was incurred

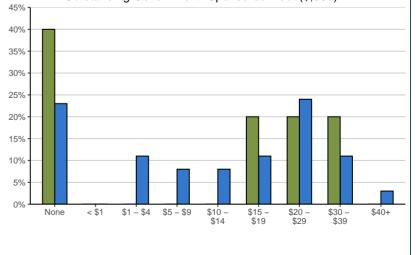
Gov't-Sponsored Student Loan Debt Amount:*	15.0	15.0303		BCIT	
< \$1,000	0	0%	0	0%	
\$1,000 to \$4,999	0	0%	3	5%	
\$5,000 to \$9,999	0	0%	6	10%	
\$10,000 to \$14,999	0	0%	7	12%	
\$15,000 to \$19,999	0	0%	6	10%	
\$20,000 to \$29,999	2	50%	14	23%	
\$30,000 to \$39,999	1	25%	9	15%	
\$40,000 or More	1	25%	15	25%	
Total	4	100%	60	100%	
Median Gov't-Sponsored Loan Debt (\$)	30,000		25,000		

* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	15.0	15.0303		CIT
None – Loan repaid in full	2	40%	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	1	20%	8	11%
\$20,000 to \$29,999	1	20%	17	24%
\$30,000 to \$39,999	1	20%	8	11%
\$40,000 or More	0	0%	2	3%
Total	5	100%	71	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	25,000		19,610	



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