

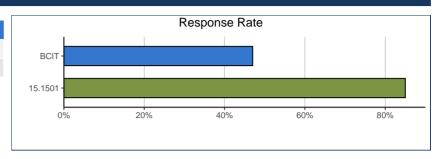
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

BCIT 15.1501

Detailed Summary of Survey Results British Columbia Institute of Technology 15.1501: Engineering/industrial management

RESPONSE RATE

Survey Response Rate:	15.1501		BCIT	
Baccalaureate Graduates Survey Cohort	26	100%	909	100%
Survey Respondents and Response Rate	22	85%	426	47%

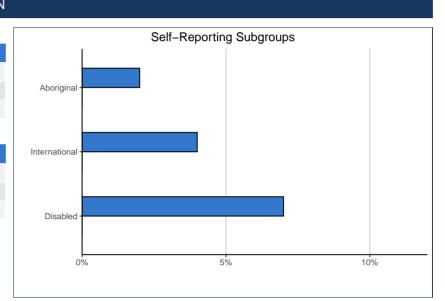


DEMOGRAPHIC INFORMATION

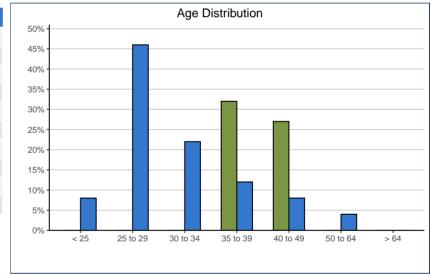
Self-Reporting Subgroups:	15.1501		BCIT	
Disabled	0	0%	28	7%
International	0	0%	15	4%
Aboriginal	0	0%	6	2%

Gender:*	15.1501		BCIT	
Male	~	~	249	58%
Female	~	~	177	42%
Total	22	100%	426	100%

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



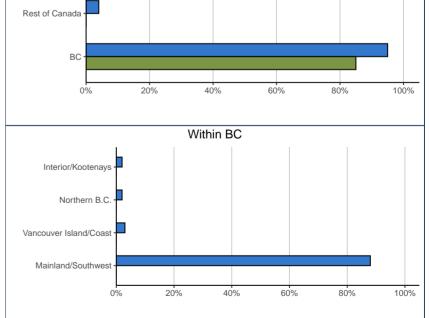
Age (at time of survey):	15.1501		BCIT	
< 25	0	0%	33	8%
25 to 29	~	~	195	46%
30 to 34	~	~	95	22%
35 to 39	7	32%	52	12%
40 to 49	6	27%	35	8%
50 to 64	~	~	16	4%
> 64	0	0%	0	0%
Total	22	100%	426	100%
Median Age	38		29	
Average (mean) Age	40		31	



Place of Residence

USA

Place of Residence (at time of survey):	15.	1501	BCIT		
BC – Mainland/Southwest	~ ~		342	88%	
BC - Vancouver Island/Coast	~	~	12	3%	
BC – Northern B.C.	0	0%	6	2%	
BC – Interior/Kootenays	0	0%	8	2%	
BC Subtotal	17	85%	368	95%	
Canada – Alberta	0	0%	~	~	
Canada – Ontario	~	~	9	2%	
Canada – Other	0	0%	7	2%	
U.S.A.	0	0%	~	~	
Non-BC Subtotal	~	~	21	5%	
Total	20	100%	389	100%	



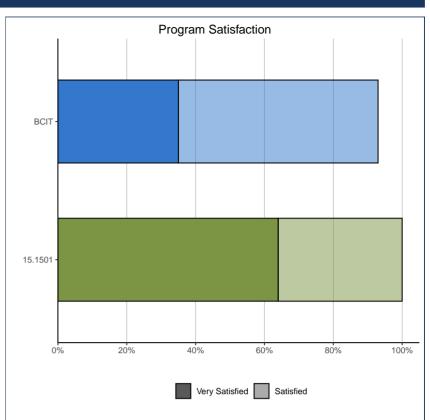


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.1501		BCIT	
Very Satisfied	14	64%	146	35%
Satisfied	8	36%	244	58%
Dissatisfied	0	0%	28	7%
Very Dissatisfied	0	0%	3	1%
Total	22	100%	421	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.	15.1501		всіт	
Very Useful	11	50%	208	52%	
Somewhat Useful	10	45%	158	39%	
Not Very Useful	1	5%	31	8%	
Not at All Useful	0	0%	6	1%	
Total	22	100%	403	100%	

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.	15.1501		всіт		
Yes	1	5%	60	14%		
No	21	95%	355	86%		



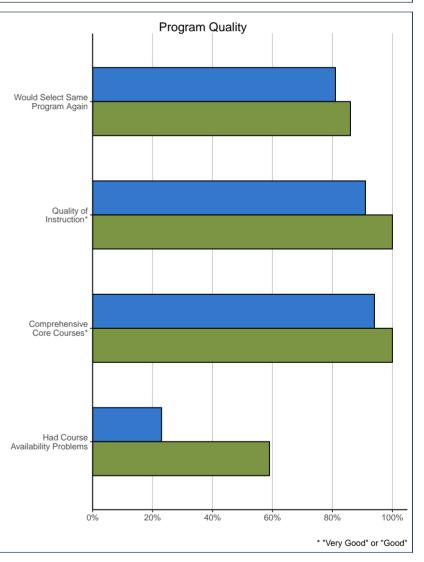
Would select the same program again:	15.1501		BCIT	
Yes	18	86%	312	81%
No	3	14%	75	19%

Quality of Instruction:	15.1501		BCIT	
Very Good	13	59%	116	27%
Good	9	41%	272	64%
Poor	0	0%	30	7%
Very Poor	0	0%	4	1%
Total	22	100%	422	100%

Comprehensiveness of Core Courses:	15.1501		BCIT	
Very Good	11	50%	140	33%
Good	11	50%	258	61%
Poor	0	0%	22	5%
Very Poor	0	0%	4	1%
Total	22	100%	424	100%

Course Availability:	15.1501		BCIT	
Encountered course availability problems	13	59%	98	23%

Financial Constraints:	15.1501		В	CIT
Had to interrupt studies for financial reasons	4	19%	41	10%
Had to take program part-time for financial reasons	8	36%	76	18%

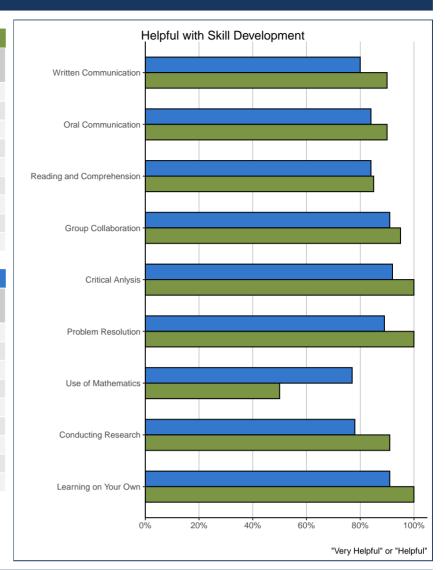




SKILL DEVELOPMENT

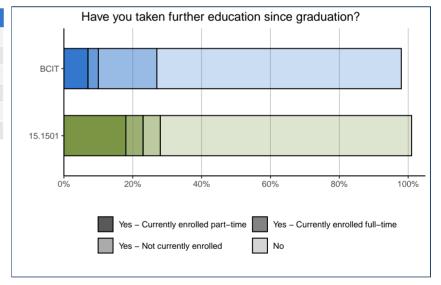
			15.1501		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	65%	10%	0%	20
Oral Communication	35%	55%	10%	0%	20
Reading and Comprehension	25%	60%	15%	0%	20
Group Collaboration	52%	43%	5%	0%	21
Critical Anlysis	43%	57%	0%	0%	21
Problem Resolution	50%	50%	0%	0%	20
Use of Mathematics	0%	50%	40%	10%	10
Conducting Research	32%	59%	9%	0%	22
Learning on Your Own	43%	57%	0%	0%	21

			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

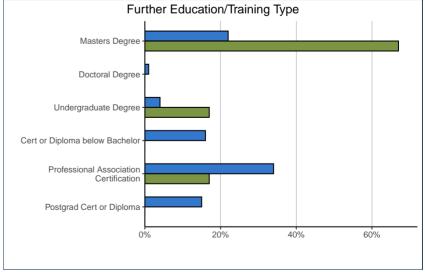


FURTHER EDUCATION

Took further education since 2020 graduation:	15.1501		BCIT	
Yes	6	27%	122	29%
Not currently enrolled	1	5%	74	17%
Currently enrolled full-time	1	5%	12	3%
Currently enrolled part-time	4	18%	31	7%
No	16	73%	303	71%
Total	22	100%	425	100%



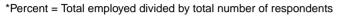
Type of Formal Post–Secondary Education:	15	15.1501		CIT
Masters Degree	4	67%	26	22%
Doctoral Degree	0	0%	1	1%
Another Undergraduate Degree	1	17%	5	4%
Certificate or Diploma below Bachelor level	0	0%	19	16%
Professional Association Certification	1	17%	41	34%
Postgraduate Certificate or Diploma	0	0%	18	15%
Other	0	0%	10	8%
Total	6	100%	120	100%



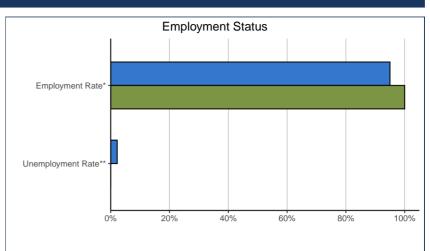


EMPLOYMENT

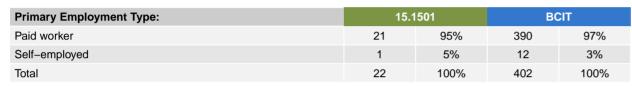
Labour Fource Status:	15.1501		ВС	CIT
In Labour Force (working or seeking work)	22	100%	413	97%
Not in Labour Force	0	0%	12	3%
Total	22	100%	425	100%
Employment:	15.1501		ВС	CIT
Employment Rate*	22	100%	404	95%
Unemployment Rate**	0	0.0%	9	2.2%



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

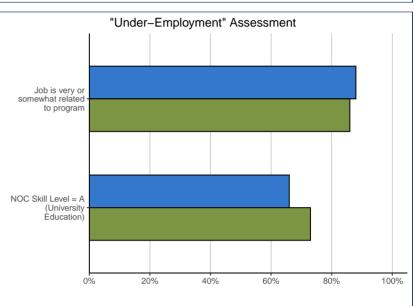


Status of Graduates NOT in Labour Force:	15.1501		В	CIT
Attending School FT	0	0%	5	42%
Attending School PT	0	0%	0	0%
Other	0	0%	7	58%
Total NOT in Labour Force	0	0%	12	100%



Job Characteristics:	15.1501		В	CIT
I hold more than one job*	3	14%	47	12%
My main job is full-time (>= 30 hours per week)**	22	100%	373	95%

^{*}Of total Employed



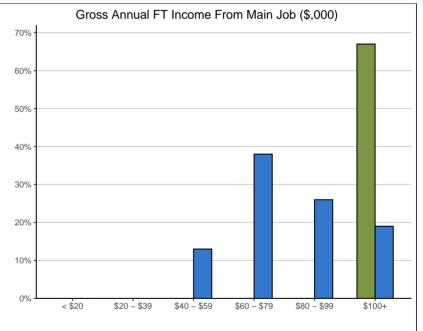
How related is your main job to your program?	15.1501		В	CIT
Very Related	7	32%	231	57%
Somewhat Related	12	55%	126	31%
Not Very Related	2	9%	28	7%
Not at All Related	1	5%	19	5%
Total	22	100%	404	100%

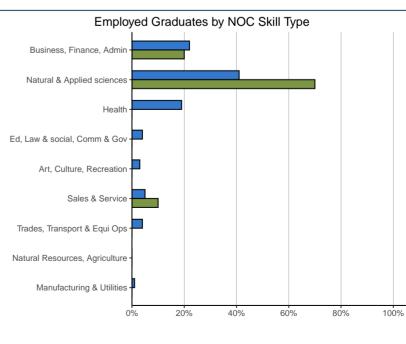
"Under-employment" Assessment:	15.1501		BCIT	
Job is very or somewhat related to program	19	86%	357	88%
NOC Skill Level = A (University Education)*	16	73%	255	66%

^{*}Of total valid responses

Gross Annual Income from Main Job:*	15.1501		В	CIT
Less than \$20,000	0	0%	~	~
\$20,000 to \$39,999	0	0%	~	~
\$40,000 to \$59,999	0	0%	41	13%
\$60,000 to \$79,999	~	~	120	38%
\$80,000 to \$99,999	~	~	83	26%
\$100,000 and Above	12	67%	60	19%
Total	18	100%	318	100%
Median Annual Income (full-time) (\$)	110,078		78,210	
Average Annual Income (full-time) (\$)	118,183		83,710	
*Where data provided				

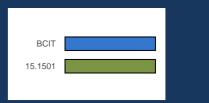
NOC Skill Type of Main Job:	15.	15.1501		BCIT	
Business, finance & administration		20%	83	22%	
Natural & applied sciences & related	14	70%	160	41%	
Health	0	0%	75	19%	
Education, law and social, community & government	0	0%	16	4%	
Art, culture, recreation & sport	0	0%	13	3%	
Sales & service	2	10%	21	5%	
Trades, transport & equipment operators & related	0	0%	15	4%	
Natural resources, agriculture & related production	0	0%	0	0%	
Manufacturing & utilities	0	0%	3	1%	
Total	20	100%	386	100%	





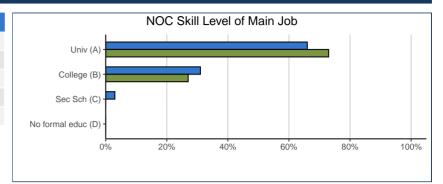
^{**}Of those who provided data on hours/week worked





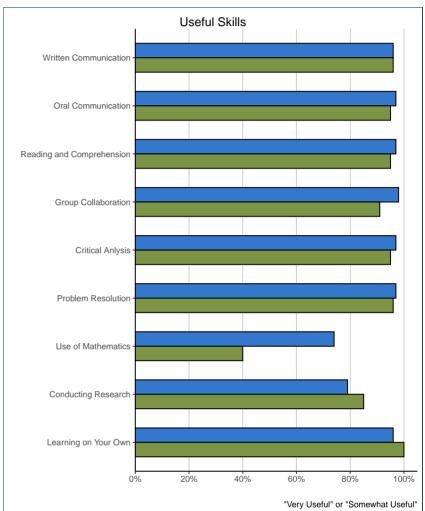
EMPLOYMENT, continued

NOC Skill Level of Main Job:	15.1501		BCIT	
A. University education	16	73%	255	66%
B. College education/trade apprenticeship	6	27%	120	31%
C. Secondary school + job-specific training	0	0%	12	3%
D. No formal education	0	0%	1	0%
Total	22	100%	388	100%



	15.1501				
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	82%	14%	5%	0%	22
Oral Communication	77%	18%	5%	0%	22
Reading and Comprehension	77%	18%	5%	0%	22
Group Collaboration	77%	14%	9%	0%	22
Critical Anlysis	86%	9%	5%	0%	22
Problem Resolution	91%	5%	5%	0%	22
Use of Mathematics	20%	20%	45%	15%	20
Conducting Research	33%	52%	14%	0%	21
Learning on Your Own	76%	24%	0%	0%	21

	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 15.1501 Graduates:		15.1501	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
0213	A	Computer and information systems managers	23%
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^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

Top 10 Full-tim	Top 10 Full-time Occupations of BCIT Graduates:		
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	13%
1111	А	Financial auditors and accountants	8%
2234	В	Construction estimators	4%
2131	А	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	А	Construction managers	2%

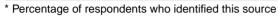
^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	15.	15.1501		CIT
Personal savings, investments		59%	183	44%
Employment while studying		55%	191	46%
Family/Friends	2	9%	186	45%
Personal bank loans	4	18%	33	8%
Government student loans	1	5%	141	34%
Scholarships/Bursaries/Grants	0	0%	85	21%
Other	11	50%	88	21%
Total	22		414	



Financial Debt Incurred to Finance Bac. Ed.:*	15.1501		BCIT	
Incurred any form of financial debt	8	36%	190	46%
Incurred government-sponsored student loan debt	1	5%	156	37%

^{*} Percentage of respondents who provided data



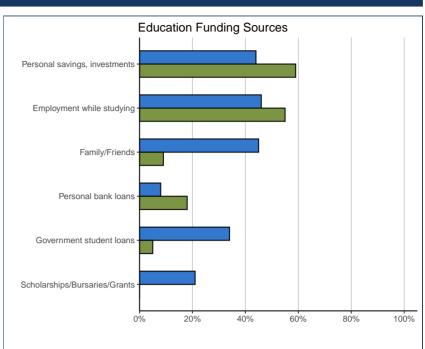
^{*} Includes only cases where financial debt was incurred

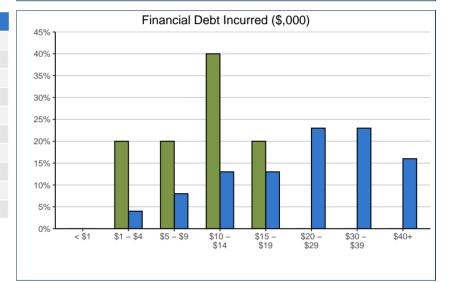


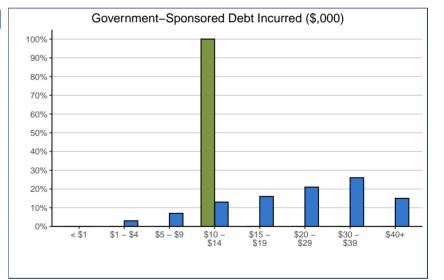
^{*} Includes only cases where government-sponsored debt was incurred

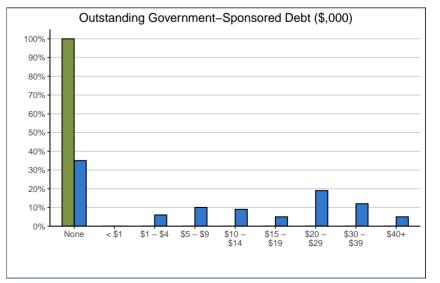


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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