

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

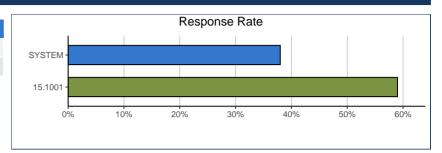
15.1001

Detailed Summary of Survey Results
All Institutions

15.1001: Construction engineering technology/technician

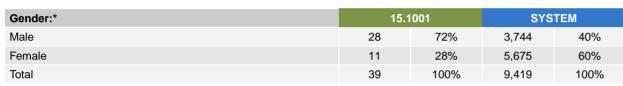
### RESPONSE RATE

Survey Response Rate:	15.1001		SYSTEM	
Baccalaureate Graduates Survey Cohort	66	100%	24,752	100%
Survey Respondents and Response Rate	39	59%	9,423	38%

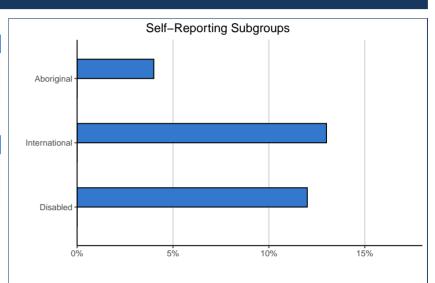


#### **DEMOGRAPHIC INFORMATION**

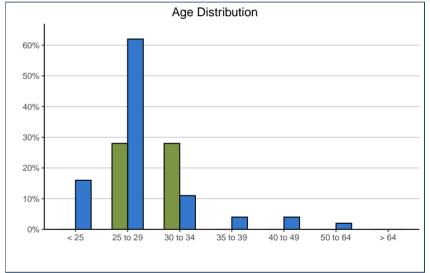
Self-Reporting Subgroups:	15.1001		SYSTEM	
Disabled	~	~	1,082	12%
International	~	~	1,205	13%
Aboriginal	0	0%	357	4%



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



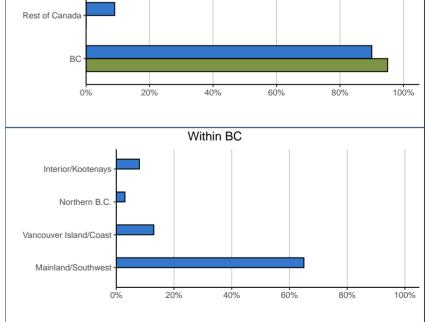
Age (at time of survey):	15.1001		SYSTEM	
< 25	0	0%	1,496	16%
25 to 29	11	28%	5,860	62%
30 to 34	11	28%	1,035	11%
35 to 39	~	~	421	4%
40 to 49	~	~	397	4%
50 to 64	~	~	186	2%
> 64	0	0%	22	0%
Total	39	100%	9,417	100%
Median Age	33		26	
Average (mean) Age	35		28	



Place of Residence

USA

Place of Residence (at time of survey):	15.1001		SYSTEM	
BC – Mainland/Southwest	~	~	5,472	65%
BC - Vancouver Island/Coast	~	~	1,112	13%
BC – Northern B.C.	0	0%	270	3%
BC – Interior/Kootenays	~	~	672	8%
BC Subtotal	37	95%	7,526	90%
Canada – Alberta	0	0%	343	4%
Canada – Ontario	0	0%	280	3%
Canada – Other	~	~	176	2%
U.S.A.	~	~	80	1%
Non-BC Subtotal	~	~	879	10%
Total	~	~	8,405	100%







### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	15.1001		SYSTEM	
Very Satisfied	8	21%	2,332	25%
Satisfied	28	72%	5,914	64%
Dissatisfied	3	8%	831	9%
Very Dissatisfied	0	0%	188	2%
Total	39	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.	15.1001		TEM
Very Useful	16	41%	3,011	38%
Somewhat Useful	20	51%	3,664	47%
Not Very Useful	3	8%	886	11%
Not at All Useful	0	0%	283	4%
Total	39	100%	7,844	100%
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Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.1001		SYSTEM		
Yes	9	24%	902	10%	
No	28	76%	8,298	90%	



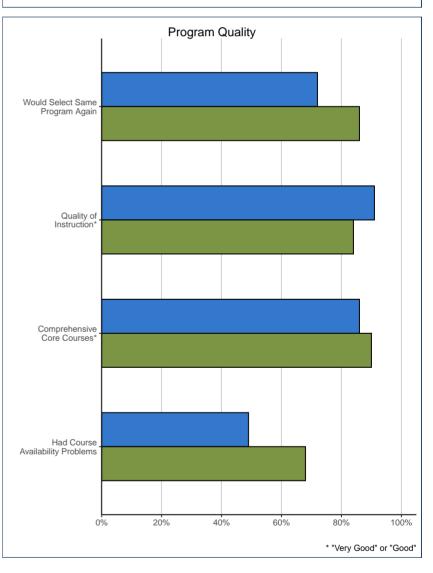
Would select the same program again:	15.1001		SYSTEM	
Yes	31	86%	5,963	72%
No	5	14%	2,334	28%

Quality of Instruction:	15.	15.1001		TEM
Very Good	11	28%	2,498	27%
Good	22	56%	6,007	64%
Poor	5	13%	685	7%
Very Poor	1	3%	131	1%
Total	39	100%	9.321	100%

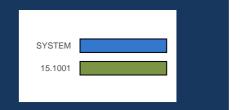
Comprehensiveness of Core Courses:	15.1	1001	SYSTEM	
Very Good	9	23%	2,303	25%
Good	26	67%	5,649	61%
Poor	4	10%	1,073	12%
Very Poor	0	0%	172	2%
Total	39	100%	9,197	100%

Course Availability:	15.1001		SYSTEM	
Encountered course availability problems	25	68%	4,485	49%

Financial Constraints:	15.1001		SYSTEM	
Had to interrupt studies for financial reasons	4	10%	987	11%
Had to take program part-time for financial reasons	12	31%	1,629	18%



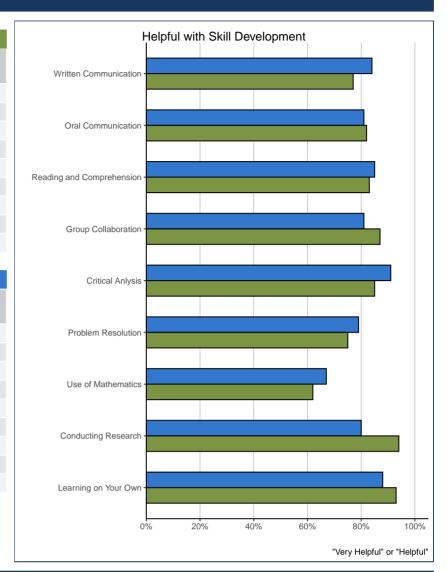




### SKILL DEVELOPMENT

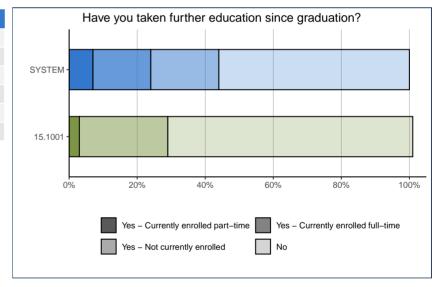
			15.1001		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	23%	54%	18%	5%	39
Oral Communication	15%	67%	15%	3%	39
Reading and Comprehension	12%	71%	12%	6%	34
Group Collaboration	33%	54%	13%	0%	39
Critical Anlysis	26%	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

			SYSTEM		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	57%	14%	3%	9,025
Oral Communication	24%	57%	17%	3%	9,114
Reading and Comprehension	28%	57%	13%	2%	9,119
Group Collaboration	28%	53%	17%	3%	9,187
Critical Anlysis	41%	50%	8%	2%	9,297
Problem Resolution	23%	56%	17%	3%	9,057
Use of Mathematics	20%	47%	25%	9%	7,165
Conducting Research	30%	50%	17%	4%	8,871
Learning on Your Own	38%	50%	10%	2%	9,189

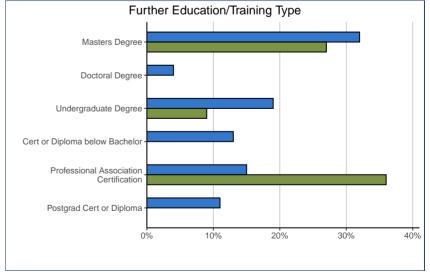


### **FURTHER EDUCATION**

Took further education since 2020 graduation:	15.1	1001	SYS	TEM
Yes	11	28%	4,119	44%
Not currently enrolled	10	26%	1,831	20%
Currently enrolled full-time	0	0%	1,602	17%
Currently enrolled part-time	1	3%	637	7%
No	28	72%	5,244	56%
Total	39	100%	9,363	100%



Type of Formal Post–Secondary Education:	15.1	15.1001		TEM
Masters Degree	3	27%	1,307	32%
Doctoral Degree	0	0%	167	4%
Another Undergraduate Degree	1	9%	789	19%
Certificate or Diploma below Bachelor level	0	0%	527	13%
Professional Association Certification	4	36%	603	15%
Postgraduate Certificate or Diploma	0	0%	431	11%
Other	3	27%	236	6%
Total	11	100%	4,060	100%

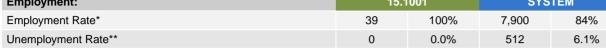




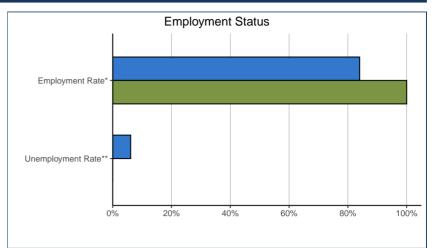


#### **EMPLOYMENT**

Labour Fource Status:	15.	15.1001		TEM
In Labour Force (working or seeking work)	39	39 100%		91%
Not in Labour Force	0	0%	857	9%
Total	39	100%	9,269	100%
Employment:	15.	15.1001		TEM
Employment Rate*	39	100%	7 900	84%



<sup>\*</sup>Percent = Total employed divided by total number of respondents

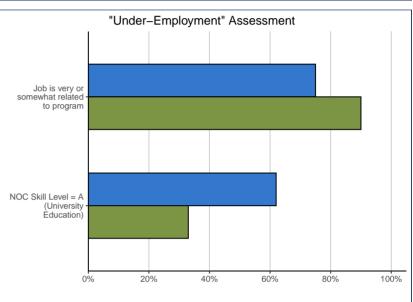


Status of Graduates NOT in Labour Force:	15.1	1001	SYS	TEM
Attending School FT	0	0%	597	70%
Attending School PT	0	0%	23	3%
Other	0	0%	237	28%
Total NOT in Labour Force	0	0%	857	100%

Primary Employment Type:	15.1001		SYSTEM	
Paid worker	37	95%	7,394	94%
Self-employed	2	5%	493	6%
Total	39	100%	7,887	100%

Job Characteristics:	15.1	1001	SYS	TEM
I hold more than one job*	7	18%	1,463	19%
My main job is full-time (>= 30 hours per week)**	37	95%	6,655	89%

<sup>\*</sup>Of total Employed



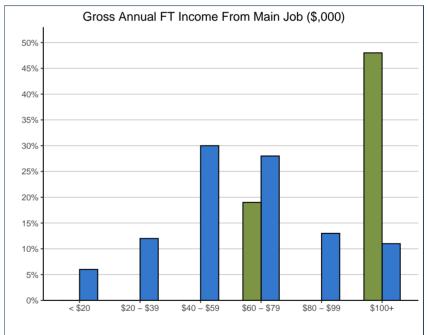
How related is your main job to your program?	15.1001		SYSTEM	
Very Related	24	62%	3,386	43%
Somewhat Related	11	28%	2,530	32%
Not Very Related	3	8%	1,013	13%
Not at All Related	1	3%	954	12%
Total	39	100%	7,883	100%

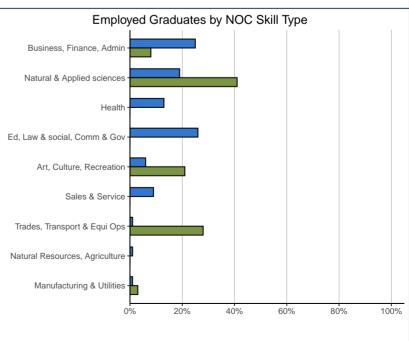
"Under-employment" Assessment:	15.1001		SYSTEM	
Job is very or somewhat related to program	35	90%	5,916	75%
NOC Skill Level = A (University Education)*	13	33%	4,631	62%

<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	15.	15.1001		SYSTEM	
Less than \$20,000	~	~	328	6%	
\$20,000 to \$39,999	~	~	725	12%	
\$40,000 to \$59,999	~	~	1,773	30%	
\$60,000 to \$79,999	6	19%	1,673	28%	
\$80,000 to \$99,999	~	~	799	13%	
\$100,000 and Above	15	48%	659	11%	
Total	31	100%	5,957	100%	
Median Annual Income (full-time) (\$)	98,000		63,000		
Average Annual Income (full-time) (\$)	108,108		70,455		
*Where data provided					

NOC Skill Type of Main Job:	15.	15.1001		SYSTEM	
Business, finance & administration	3	8%	1,844	25%	
Natural & applied sciences & related	16	41%	1,422	19%	
Health	0	0%	933	13%	
Education, law and social, community & government	0	0%	1,946	26%	
Art, culture, recreation & sport	8	21%	438	6%	
Sales & service	0	0%	658	9%	
Trades, transport & equipment operators & related	11	28%	104	1%	
Natural resources, agriculture & related production	0	0%	42	1%	
Manufacturing & utilities	1	3%	39	1%	
Total	39	100%	7,426	100%	





<sup>\*\*</sup>Percent = Total unemployed divided by total number in Labour Force

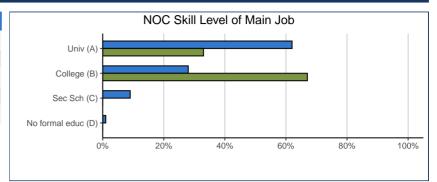
<sup>\*\*</sup>Of those who provided data on hours/week worked





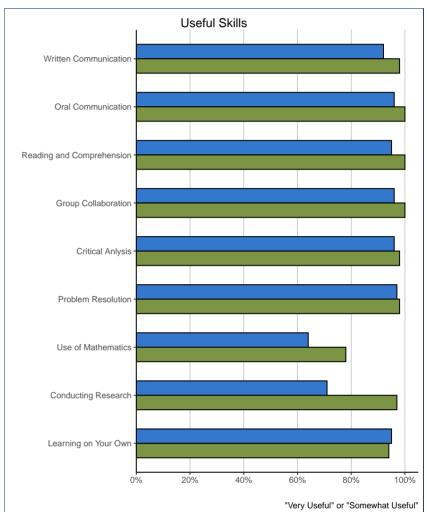
### EMPLOYMENT, continued

NOC Skill Level of Main Job:	15.1001		SYSTEM	
A. University education	13	33%	4,631	62%
B. College education/trade apprenticeship	26	67%	2,082	28%
C. Secondary school + job-specific training	0	0%	647	9%
D. No formal education	0	0%	86	1%
Total	39	100%	7,446	100%



abilities in doing your main job?         Useful         Useful         Useful         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						
abilities in doing your main job?         Useful         Useful         Useful         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				15.1001		
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	How useful are the following skills and abilities in doing your main job?			•		# Resp.
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	Written Communication	72%	26%	3%	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	Oral Communication	77%	23%	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	Reading and Comprehension	72%	28%	0%	0%	39
Problem Resolution         72%         26%         3%         0%         39           Use of Mathematics         39%         39%         17%         6%         36	Group Collaboration	79%	21%	0%	0%	39
Use of Mathematics 39% 39% 17% 6% 36	Critical Anlysis	72%	26%	3%	0%	39
	Problem Resolution	72%	26%	3%	0%	39
Conducting Research 39% 58% 3% 0% 38	Use of Mathematics	39%	39%	17%	6%	36
	Conducting Research	39%	58%	3%	0%	38
Learning on Your Own         56%         38%         5%         0%         39	Learning on Your Own	56%	38%	5%	0%	39

	SYSTEM				
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%	25%	5%	3%	7,839
Oral Communication	75%	21%	3%	1%	7,837
Reading and Comprehension	70%	25%	4%	1%	7,836
Group Collaboration	76%	20%	3%	1%	7,841
Critical Anlysis	74%	22%	3%	1%	7,838
Problem Resolution	77%	20%	2%	1%	7,833
Use of Mathematics	28%	36%	21%	15%	7,634
Conducting Research	36%	35%	17%	12%	7,717
Learning on Your Own	68%	27%	3%	2%	7,819



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	Α	Construction managers	23%
5242	В	Interior designers and interior decorators	18%
*			
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<sup>\*</sup> Data not displayed where n < 5

<sup>\*\*</sup> Percentages cited are of those employed

Top 10 Full-time Occupations of SYSTEM Graduates:			SYSTEM
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	А	Registered nurses and registered psychiatric nurses	6%
1111	Α	Financial auditors and accountants	4%
XXXX	0	Unclassified occupations	3%
2173	Α	Software engineers and designers	3%
4032	A	Elementary school and kindergarten teachers	3%
1123	Α	Professional occupations in advertising, marketing and public relations	3%
4212	В	Social and community service workers	3%
2174	A	Computer programmers and interactive media developers	2%
4031	Α	Secondary school teachers	2%
1221	В	Administrative officers	2%

<sup>\*</sup> Data not displayed where n < 5

<sup>\*\*</sup> Percentages cited are of those employed





#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	15.	15.1001 SYSTEM		TEM
Personal savings, investments		44%	2,849	31%
Employment while studying		59%	4,716	51%
Family/Friends	16	41%	5,423	59%
Personal bank loans	4	10%	600	7%
Government student loans	11	28%	3,008	33%
Scholarships/Bursaries/Grants	2	5%	2,803	31%
Other	13	33%	1,997	22%
Total	39		9,180	

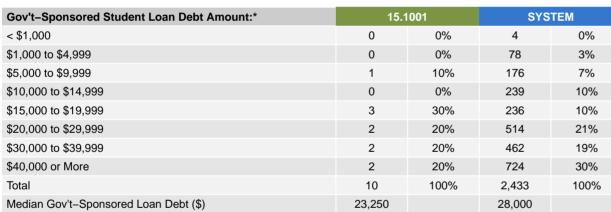
<sup>\*</sup> Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	15.1001		SYSTEM	
Incurred any form of financial debt	17	44%	4,031	44%
Incurred government-sponsored student loan debt	11	28%	3,331	36%

<sup>\*</sup> Percentage of respondents who provided data



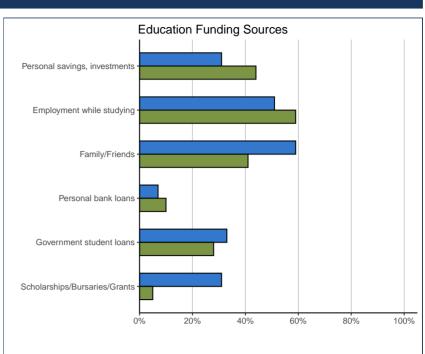
<sup>\*</sup> Includes only cases where financial debt was incurred

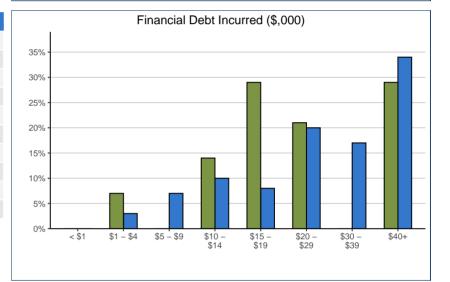


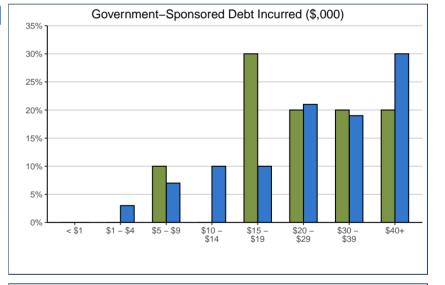
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

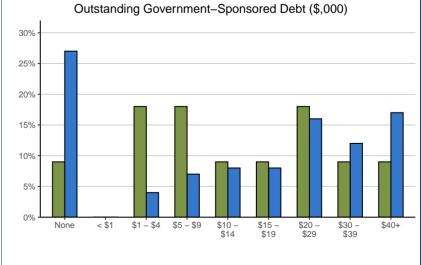


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









<sup>\*\*</sup> Median amounts shown are based on those who had remaining government student loan debt