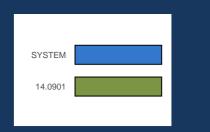


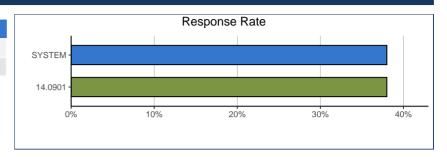
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
14.0901: Computer engineering, general



RESPONSE RATE

Survey Response Rate:	14.0901		SYSTEM	
Baccalaureate Graduates Survey Cohort	116	100%	24,752	100%
Survey Respondents and Response Rate	44	38%	9,423	38%

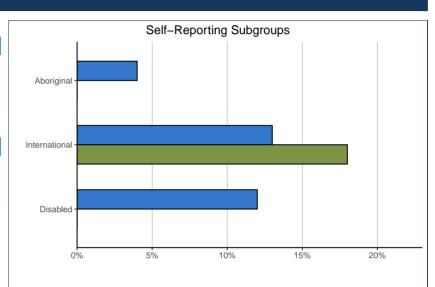


DEMOGRAPHIC INFORMATION

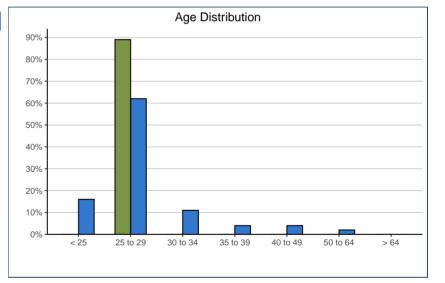
Self-Reporting Subgroups:	14.0901		SYSTEM	
Disabled	~ ~		1,082	12%
International	8	18%	1,205	13%
Aboriginal	~	~	357	4%

Gender:*	14.0901		SYSTEM	
Male	38	86%	3,744	40%
Female	6	14%	5,675	60%
Total	44	100%	9,419	100%

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

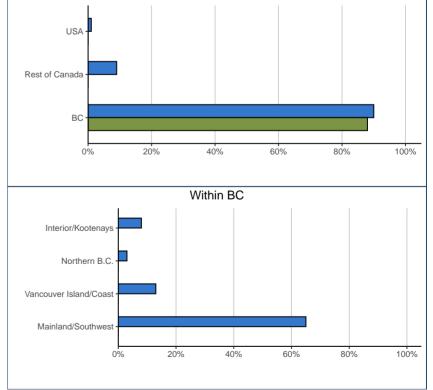


Age (at time of survey):	14.0901		SYSTEM	
< 25	~	~	1,496	16%
25 to 29	39	89%	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	~	~	421	4%
40 to 49	0	0%	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	44	100%	9,417	100%
Median Age	26		26	
Average (mean) Age	26		28	



Place of Residence

Place of Residence (at time of survey):	14.0901		SYSTEM	
BC – Mainland/Southwest			0.0.	
	~	~	5,472	65%
BC – Vancouver Island/Coast	~	~	1,112	13%
BC – Northern B.C.	0	0%	270	3%
BC – Interior/Kootenays	0	0%	672	8%
BC Subtotal	30	88%	7,526	90%
Canada – Alberta	~	~	343	4%
Canada – Ontario	0	0%	280	3%
Canada – Other	0	0%	176	2%
U.S.A.	~	~	80	1%
Non-BC Subtotal	~	~	879	10%
Total	34	100%	8,405	100%







EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.0901		SYSTEM	
Very Satisfied	10	23%	2,332	25%
Satisfied	26	59%	5,914	64%
Dissatisfied	8	18%	831	9%
Very Dissatisfied	0	0%	188	2%
Total	44	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0901		SYSTEM	
Very Useful	16	39%	3,011	38%
Somewhat Useful	20	49%	3,664	47%
Not Very Useful	5	12%	886	11%
Not at All Useful	0	0%	283	4%
Total	41	100%	7,844	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.0901		SYSTEM		
Yes	3	7%	902	10%		
No	40	93%	8,298	90%		



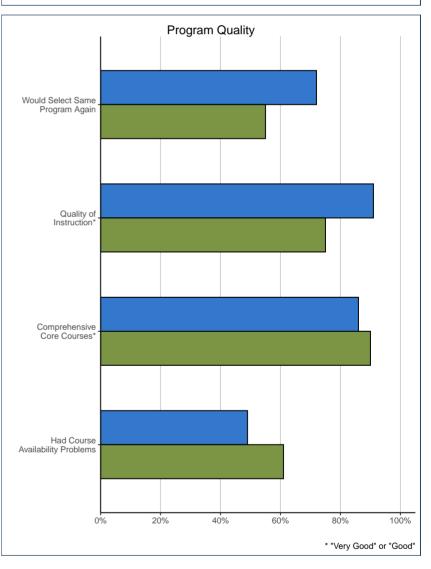
Would select the same program again:	14.0901		SYSTEM	
Yes	23	55%	5,963	72%
No	19	45%	2,334	28%

Quality of Instruction:	14.	14.0901		TEM
Very Good	4	4 9%		27%
Good	29	66%	6,007	64%
Poor	11	25%	685	7%
Very Poor	0	0%	131	1%
Total	44	100%	9.321	100%

Comprehensiveness of Core Courses:	14.0901		SYSTEM	
Very Good	6	14%	2,303	25%
Good	32	76%	5,649	61%
Poor	4	10%	1,073	12%
Very Poor	0	0%	172	2%
Total	42	100%	9,197	100%

Course Availability:	14.0901		SYSTEM	
Encountered course availability problems	27	61%	4,485	49%

Financial Constraints:	14.0901		SYS	TEM
Had to interrupt studies for financial reasons	2	5%	987	11%
Had to take program part-time for financial reasons	3	7%	1,629	18%

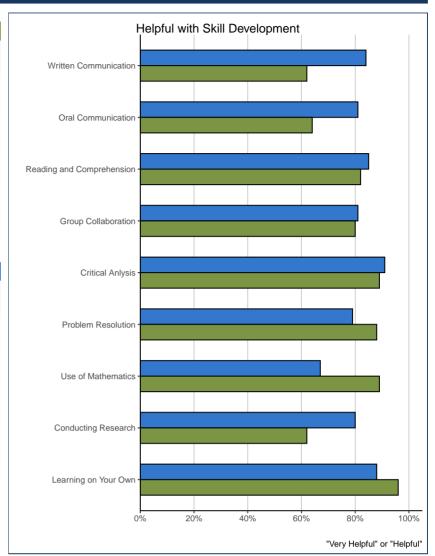




SKILL DEVELOPMENT

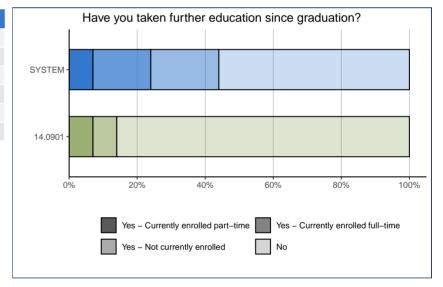
			14.0901		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	7%	55%	31%	7%	42
Oral Communication	5%	59%	32%	5%	44
Reading and Comprehension	16%	66%	14%	5%	44
Group Collaboration	30%	50%	16%	5%	44
Critical Anlysis	39%	50%	11%	0%	44
Problem Resolution	45%	43%	9%	2%	44
Use of Mathematics	41%	48%	11%	0%	44
Conducting Research	10%	52%	29%	10%	42
Learning on Your Own	64%	32%	5%	0%	44

			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

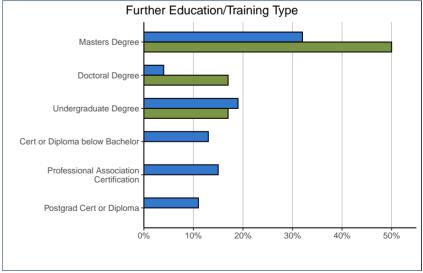


FURTHER EDUCATION

Took further education since 2020 graduation:	14.0901		SYS	TEM
Yes	6	14%	4,119	44%
Not currently enrolled	3	7%	1,831	20%
Currently enrolled full-time	3	7%	1,602	17%
Currently enrolled part-time	0	0%	637	7%
No	38	86%	5,244	56%
Total	44	100%	9,363	100%



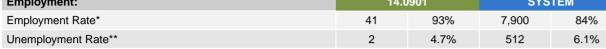
Type of Formal Post–Secondary Education:	14.	14.0901		TEM
Masters Degree	3	50%	1,307	32%
Doctoral Degree	1	17%	167	4%
Another Undergraduate Degree	1	17%	789	19%
Certificate or Diploma below Bachelor level	0	0%	527	13%
Professional Association Certification	0	0%	603	15%
Postgraduate Certificate or Diploma	0	0%	431	11%
Other	1	17%	236	6%
Total	6	100%	4,060	100%



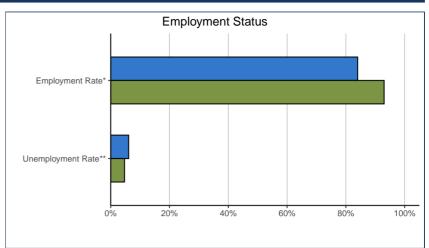


EMPLOYMENT

Labour Fource Status:	14.0901		SYSTEM		
In Labour Force (working or seeking work)	43	98%	8,412	91%	
Not in Labour Force	1	2%	857	9%	
Total	44	100%	9,269	100%	
Employment:	14.0901		14.0901 SYSTE		TEM



^{*}Percent = Total employed divided by total number of respondents

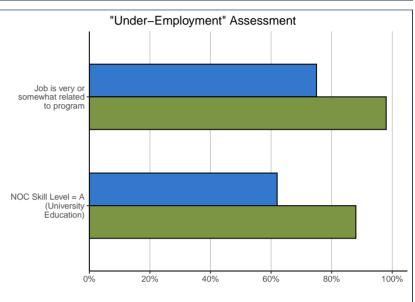


Status of Graduates NOT in Labour Force:	14.0901		SYS	TEM
Attending School FT	1	100%	597	70%
Attending School PT	0	0%	23	3%
Other	0	0%	237	28%
Total NOT in Labour Force	1	100%	857	100%

Primary Employment Type:	14.0901		SYS	TEM
Paid worker	41	100%	7,394	94%
Self-employed	0	0%	493	6%
Total	41	100%	7,887	100%

Job Characteristics:	14.0901		SYS	TEM
I hold more than one job*	1	2%	1,463	19%
My main job is full-time (>= 30 hours per week)**	36	95%	6,655	89%

^{*}Of total Employed



How related is your main job to your program?	14.0901		SYS	TEM
Very Related	20	49%	3,386	43%
Somewhat Related	20	49%	2,530	32%
Not Very Related	0	0%	1,013	13%
Not at All Related	1	2%	954	12%
Total	41	100%	7,883	100%

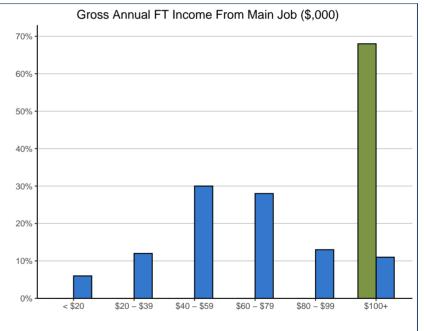
"Under-employment" Assessment:	14.0901		SYSTEM	
Job is very or somewhat related to program	40	98%	5,916	75%
NOC Skill Level = A (University Education)*	30	88%	4,631	62%

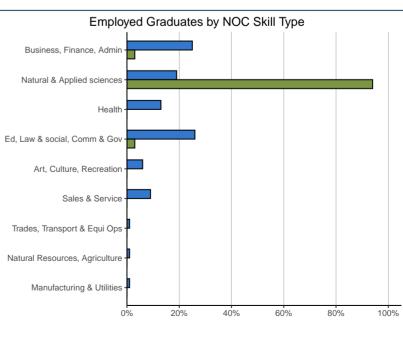
^{*}Of total valid responses



^{*}Where data provided

NOC Skill Type of Main Job:	14	14.0901		TEM
Business, finance & administration	1	3%	1,844	25%
Natural & applied sciences & related	32	94%	1,422	19%
Health	0	0%	933	13%
Education, law and social, community & government	1	3%	1,946	26%
Art, culture, recreation & sport	0	0%	438	6%
Sales & service	0	0%	658	9%
Trades, transport & equipment operators & related	0	0%	104	1%
Natural resources, agriculture & related production	0	0%	42	1%
Manufacturing & utilities	0	0%	39	1%
Total	34	100%	7,426	100%





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

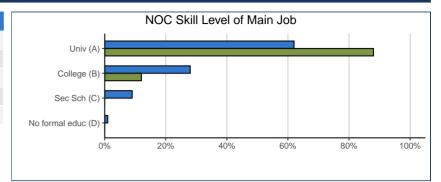
^{**}Of those who provided data on hours/week worked



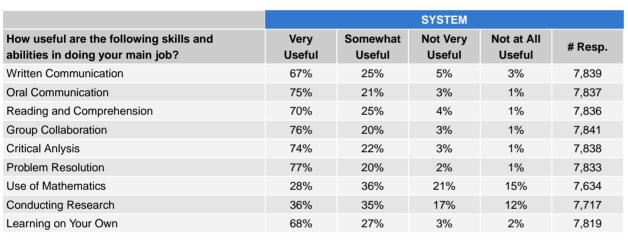


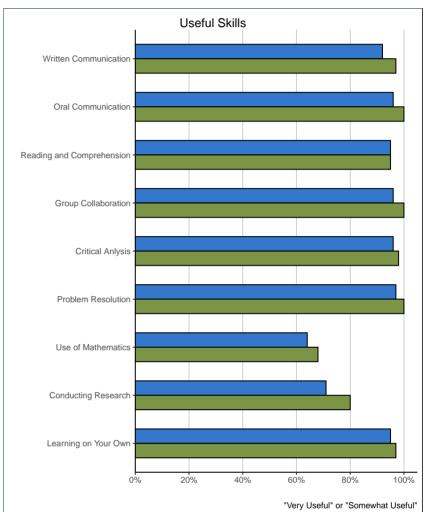
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.0901		SYSTEM	
A. University education	30	88%	4,631	62%
B. College education/trade apprenticeship	4	12%	2,082	28%
C. Secondary school + job-specific training	0	0%	647	9%
D. No formal education	0	0%	86	1%
Total	34	100%	7,446	100%



	14.0901				
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	56%	41%	2%	0%	41
Oral Communication	83%	17%	0%	0%	41
Reading and Comprehension	68%	27%	5%	0%	41
Group Collaboration	80%	20%	0%	0%	41
Critical Anlysis	83%	15%	2%	0%	41
Problem Resolution	78%	22%	0%	0%	41
Use of Mathematics	22%	46%	22%	10%	41
Conducting Research	34%	46%	10%	10%	41
Learning on Your Own	80%	17%	0%	2%	41





Top 10 Full-time Occupations of 14.0901 Graduates:			14.0901
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	Α	Software engineers and designers	44%
2174	Α	Computer programmers and interactive media developers	22%
*			
*			
*			
*			
*			
*			
*			
*			

 $^{^{\}star}$ Data not displayed where n < 5

^{**} 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	A	Registered nurses and registered psychiatric nurses	6%
1111	A	Financial auditors and accountants	4%
XXXX	0	Unclassified occupations	3%
2173	A	Software engineers and designers	3%
4032	A	Elementary school and kindergarten teachers	3%
1123	A	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	A	Secondary school teachers	2%
1221	В	Administrative officers	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.0901		TEM
Personal savings, investments		23%	2,849	31%
Employment while studying		35%	4,716	51%
Family/Friends	35	81%	5,423	59%
Personal bank loans	0	0%	600	7%
Government student loans	10	23%	3,008	33%
Scholarships/Bursaries/Grants	8	19%	2,803	31%
Other	22	51%	1,997	22%
Total	43		9,180	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.0901		SYSTEM	
Incurred any form of financial debt	11	25%	4,031	44%
Incurred government-sponsored student loan debt	10	23%	3,331	36%

^{*} Percentage of respondents who provided data



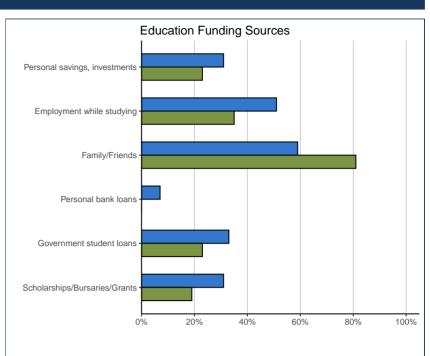
^{*} Includes only cases where financial debt was incurred

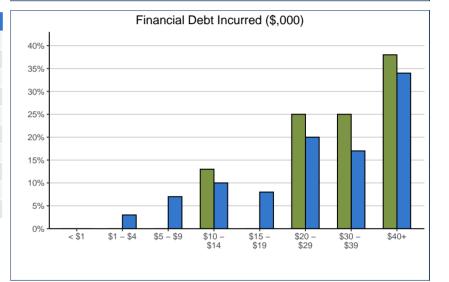


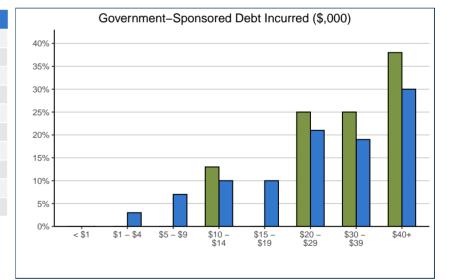
^{*} Includes only cases where government-sponsored debt was incurred

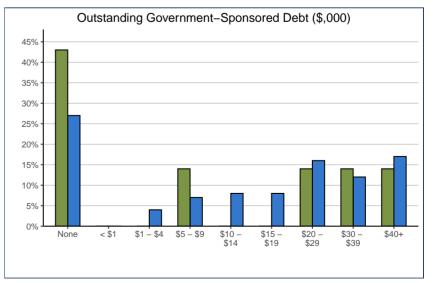


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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