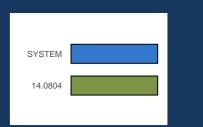


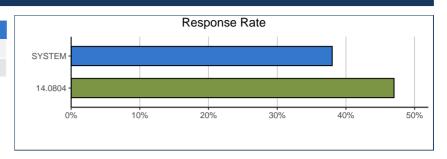
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
14.0804: Transportation and highway engineering



RESPONSE RATE

Survey Response Rate:	14.0804		SYSTEM	
Baccalaureate Graduates Survey Cohort	36	100%	24,752	100%
Survey Respondents and Response Rate	17	47%	9,423	38%

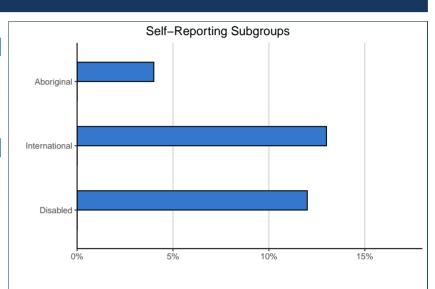


DEMOGRAPHIC INFORMATION

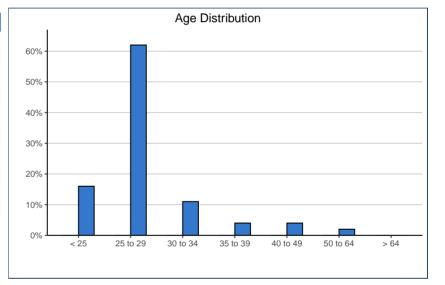
Self-Reporting Subgroups:	14.0804		SYSTEM	
Disabled	~	~	1,082	12%
International	0	0%	1,205	13%
Aboriginal	0	0%	357	4%

Gender:*	14.0804		SYSTEM	
Male	~	~	3,744	40%
Female	~	~	5,675	60%
Total	17	100%	9,419	100%

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

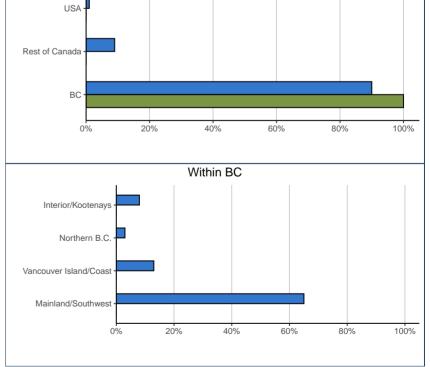


Age (at time of survey):	14.0804		SYSTEM	
< 25	~	~	1,496	16%
25 to 29	~	~	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	0	0%	421	4%
40 to 49	0	0%	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	17	100%	9,417	100%
Median Age	26		26	
Average (mean) Age	26		28	



Place of Residence

Place of Residence (at time of survey):	14.0804		SYSTEM	
BC – Mainland/Southwest	~	~	5,472	65%
BC - Vancouver Island/Coast	~	~	1,112	13%
BC – Northern B.C.	~	~	270	3%
BC – Interior/Kootenays	~	~	672	8%
BC Subtotal	17	100%	7,526	90%
Canada – Alberta	0	0%	343	4%
Canada – Ontario	0	0%	280	3%
Canada – Other	0	0%	176	2%
U.S.A.	0	0%	80	1%
Non-BC Subtotal	0	0%	879	10%
Total	17	100%	8,405	100%





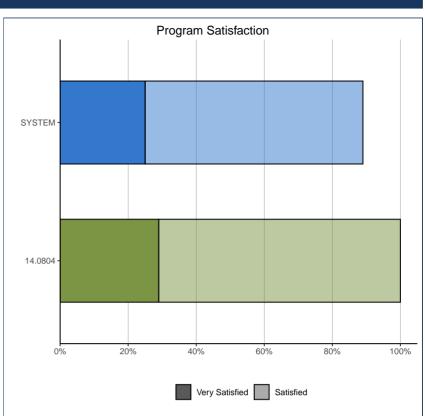


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.0804		SYSTEM	
Very Satisfied	5	29%	2,332	25%
Satisfied	12	71%	5,914	64%
Dissatisfied	0	0%	831	9%
Very Dissatisfied	0	0%	188	2%
Total	17	100%	9,265	100%

14.0804		SYSTEM	
7	44%	3,011	38%
7	44%	3,664	47%
2	13%	886	11%
0	0%	283	4%
16	100%	7,844	100%
	7 7 2 0	7 44% 7 44% 2 13% 0 0%	7 44% 3,011 7 44% 3,664 2 13% 886 0 0% 283

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.0804		SYSTEM	
Yes	0	0%	902	10%	
No	16	100%	8,298	90%	



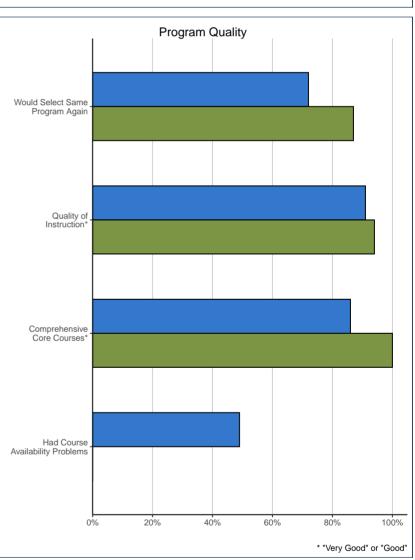
Would select the same program again:	14.0804		SYSTEM	
Yes	13	87%	5,963	72%
No	2	13%	2,334	28%

Quality of Instruction:	14.0	14.0804		SYSTEM	
Very Good	2	12%	2,498	27%	
Good	14	82%	6,007	64%	
Poor	1	6%	685	7%	
Very Poor	0	0%	131	1%	
Total	17	100%	9,321	100%	

Comprehensiveness of Core Courses:	14.0804		SYSTEM	
Very Good	6	35%	2,303	25%
Good	11	65%	5,649	61%
Poor	0	0%	1,073	12%
Very Poor	0	0%	172	2%
Total	17	100%	9,197	100%

Course Availability:	14.0804		SYSTEM	
Encountered course availability problems	0	0%	4,485	49%

Financial Constraints:	14.0804		SYSTEM	
Had to interrupt studies for financial reasons	0	0%	987	11%
Had to take program part-time for financial reasons	1	6%	1,629	18%



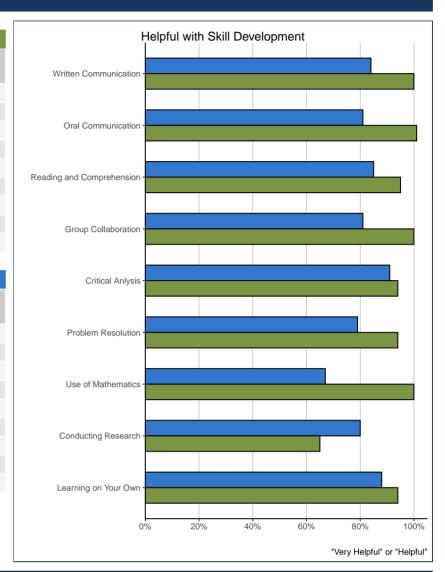




SKILL DEVELOPMENT

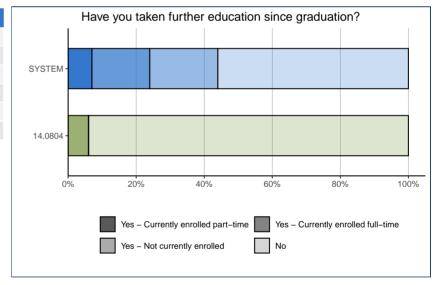
			14.0804		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	59%	41%	0%	0%	17
Oral Communication	13%	88%	0%	0%	16
Reading and Comprehension	24%	71%	6%	0%	17
Group Collaboration	35%	65%	0%	0%	17
Critical Anlysis	65%	29%	6%	0%	17
Problem Resolution	47%	47%	7%	0%	15
Use of Mathematics	59%	41%	0%	0%	17
Conducting Research	12%	53%	35%	0%	17
Learning on Your Own	50%	44%	6%	0%	16

			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

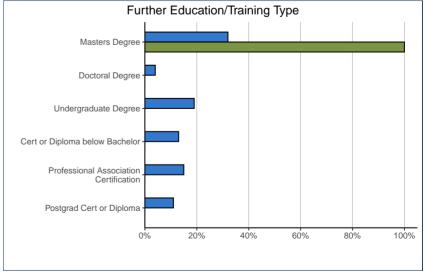


FURTHER EDUCATION

Took further education since 2020 graduation:	14.0804		SYS	TEM
Yes	1	6%	4,119	44%
Not currently enrolled	0	0%	1,831	20%
Currently enrolled full-time	1	6%	1,602	17%
Currently enrolled part-time	0	0%	637	7%
No	16	94%	5,244	56%
Total	17	100%	9,363	100%



Type of Formal Post–Secondary Education:	14.	14.0804		TEM
Masters Degree	1	100%	1,307	32%
Doctoral Degree	0	0%	167	4%
Another Undergraduate Degree	0	0%	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	0	0%	236	6%
Total	1	100%	4,060	100%

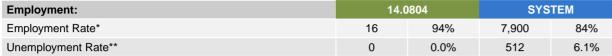




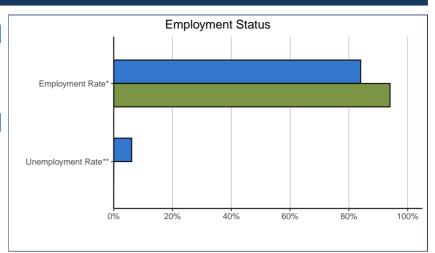


EMPLOYMENT

Labour Fource Status:	14.0804		SYS	TEM
In Labour Force (working or seeking work)	16	94%	8,412	91%
Not in Labour Force	1	6%	857	9%
Total	17	100%	9,269	100%
Employment:	14.0804		SYSTEM	



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

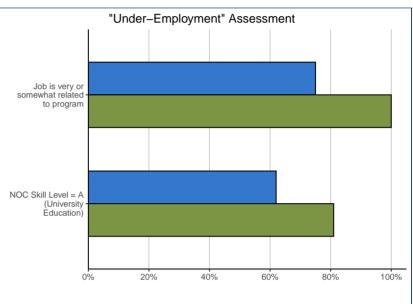


Status of Graduates NOT in Labour Force:	14.0804		SYS	TEM
Attending School FT	1	100%	597	70%
Attending School PT	0	0%	23	3%
Other	0	0%	237	28%
Total NOT in Labour Force	1	100%	857	100%

Primary Employment Type:	14.0804		14.0804		SYSTEM	
Paid worker	16	100%	7,394	94%		
Self-employed	0	0%	493	6%		
Total	16	100%	7,887	100%		

Job Characteristics:	14.0804		SYS	TEM
I hold more than one job*	0	0%	1,463	19%
My main job is full-time (>= 30 hours per week)**	16	100%	6,655	89%

^{*}Of total Employed



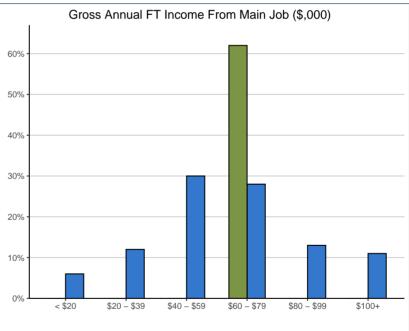
How related is your main job to your program?	14.0804		SYS	TEM
Very Related	14	88%	3,386	43%
Somewhat Related	2	13%	2,530	32%
Not Very Related	0	0%	1,013	13%
Not at All Related	0	0%	954	12%
Total	16	100%	7,883	100%

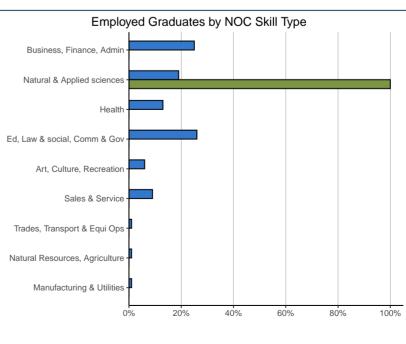
"Under-employment" Assessment:	14.0804		SYS	TEM
Job is very or somewhat related to program	16	100%	5,916	75%
NOC Skill Level = A (University Education)*	13	81%	4,631	62%

^{*}Of total valid responses

Gross Annual Income from Main Job:*	14.0	14.0804		TEM
Less than \$20,000	0	0%	328	6%
\$20,000 to \$39,999	0	0%	725	12%
\$40,000 to \$59,999	~	~	1,773	30%
\$60,000 to \$79,999	8	62%	1,673	28%
\$80,000 to \$99,999	~	~	799	13%
\$100,000 and Above	0	0%	659	11%
Total	13	100%	5,957	100%
Median Annual Income (full-time) (\$)	75,000		63,000	
Average Annual Income (full-time) (\$)	75,484		70,455	
*Where data provided				

NOC Skill Type of Main Job:	14.	14.0804		TEM
Business, finance & administration	0	0 0%		25%
Natural & applied sciences & related	16	100%	1,422	19%
Health	0	0%	933	13%
Education, law and social, community & government	0	0%	1,946	26%
Art, culture, recreation & sport		0%	438	6%
Sales & service		0%	658	9%
Trades, transport & equipment operators & related		0%	104	1%
Natural resources, agriculture & related production	0	0%	42	1%
Manufacturing & utilities	0	0%	39	1%
Total	16	100%	7,426	100%





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

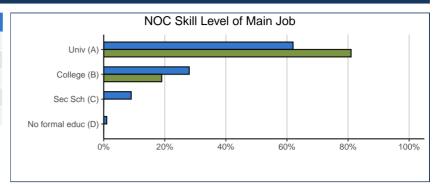
^{**}Of those who provided data on hours/week worked





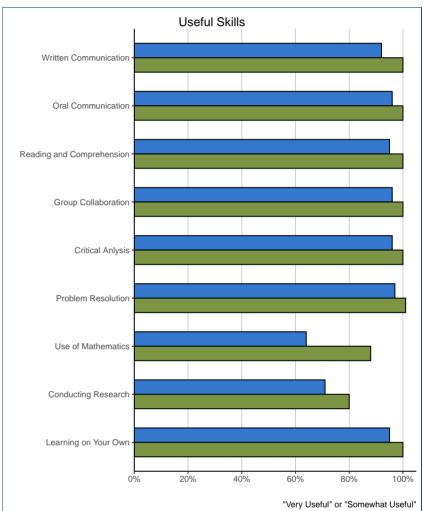
EMPLOYMENT, continued

NOC Skill Level of Main Job: 14.0804		0804	SYSTEM	
A. University education	13 81%		4,631	62%
B. College education/trade apprenticeship	College education/trade apprenticeship 3 19%		2,082	28%
C. Secondary school + job-specific training	0	0%	647	9%
D. No formal education	0	0%	86	1%
Total	16	100%	7,446	100%



	14.0804				
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	94%	6%	0%	0%	16
Oral Communication	81%	19%	0%	0%	16
Reading and Comprehension	94%	6%	0%	0%	16
Group Collaboration	75%	25%	0%	0%	16
Critical Anlysis	94%	6%	0%	0%	16
Problem Resolution	88%	13%	0%	0%	16
Use of Mathematics	50%	38%	13%	0%	16
Conducting Research	27%	53%	13%	7%	15
Learning on Your Own	75%	25%	0%	0%	16

	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 14.0804	raduates:	14.0804
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2131	A	Civil engineers	75%
*			
*			
*			
*			
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*			
*			
*			

^{*} 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	Α	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%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed





EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.0804		SYS	TEM
Personal savings, investments	8	8 47%		31%
Employment while studying	ployment while studying 6 35%		4,716	51%
Family/Friends	12	71%	5,423	59%
Personal bank loans	1 6%		600	7%
Government student loans	4	24%	3,008	33%
Scholarships/Bursaries/Grants	2	12%	2,803	31%
Other	2	12%	1,997	22%
Total	17		9,180	

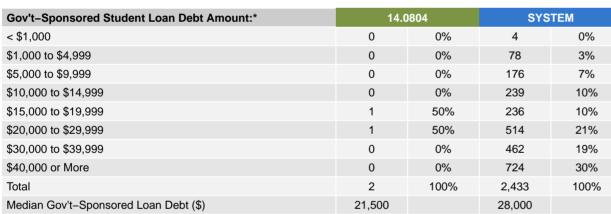
^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.0804		SYSTEM	
Incurred any form of financial debt	5	29%	4,031	44%
Incurred government-sponsored student loan debt	4	24%	3,331	36%

^{*} Percentage of respondents who provided data



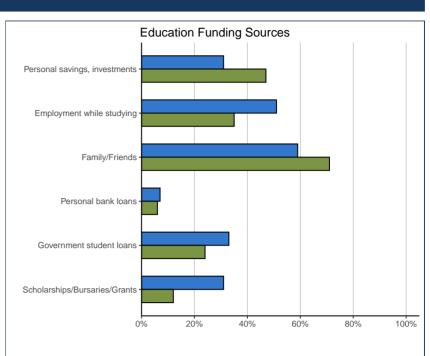
^{*} Includes only cases where financial debt was incurred

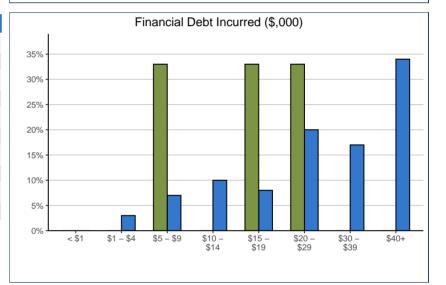


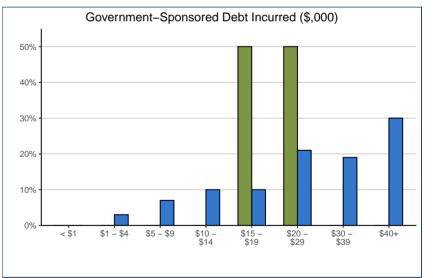
^{*} Includes only cases where government-sponsored debt was incurred

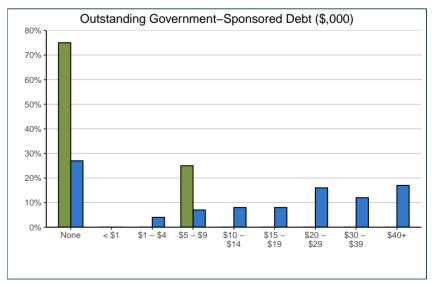


 $^{^{\}star}$ Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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