

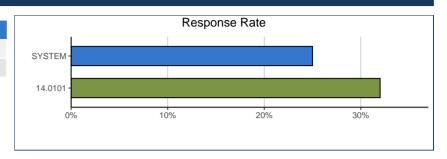
B.C. Baccalaureate Outcomes 2024 Survey of 2022 Baccalaureate Graduates

14.0101 14.0101

Detailed Summary of Survey Results
All Institutions
14.0101: Engineering, general

RESPONSE RATE

Survey Response Rate:	14.0101		SYSTEM	
Baccalaureate Graduates Survey Cohort	180	100%	24,572	100%
Survey Respondents and Response Rate	58	32%	6,200	25%

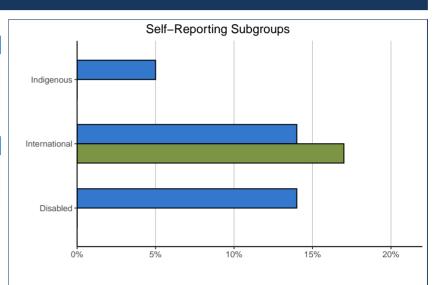


DEMOGRAPHIC INFORMATION

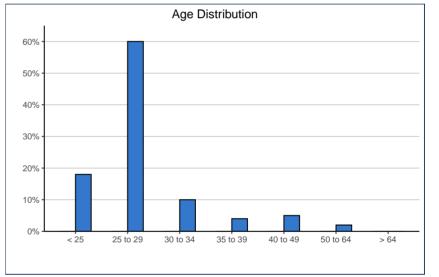
Self-Reporting Subgroups:	14.0101		SYSTEM	
Disabled	~	~	851	14%
International	10	17%	878	14%
Indigenous	0	0%	264	5%

Gender:*	14.0101		SYSTEM	
Man/Boy	47	81%	2,656	43%
Woman/Girl	11	19%	3,527	57%
Total	58	100%	6,183	100%

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

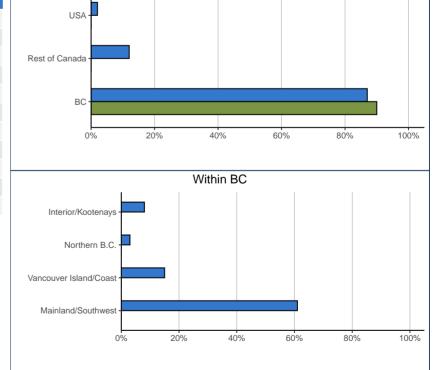


Age (at time of survey):	14.0101		SYSTEM	
< 25	0	0%	1,133	18%
25 to 29	~	~	3,740	60%
30 to 34	~	~	617	10%
35 to 39	0	0%	271	4%
40 to 49	0	0%	279	5%
50 to 64	0	0%	129	2%
> 64	0	0%	17	0%
Total	58	100%	6,186	100%
Median Age	26		26	
Average (mean) Age	26		28	



Place of Residence

Place of Residence (at time of survey):	14.0101		SYSTEM		
BC – Mainland/Southwest	~ ~		3,405	61%	
BC - Vancouver Island/Coast	~	~	809	15%	
BC – Northern B.C.	0	0%	160	3%	
BC – Interior/Kootenays	0	0%	459	8%	
BC Subtotal	47	90%	4,833	87%	
Canada – Alberta	~	~	266	5%	
Canada – Ontario	~	~	212	4%	
Canada – Other	~	~	139	3%	
U.S.A.	~	~	100	2%	
Non-BC Subtotal	5	10%	717	13%	
Total	52	100%	5,550	100%	





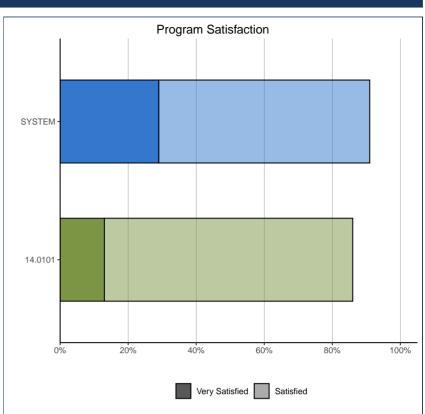


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.0101		SYSTEM	
Very Satisfied	7	13%	1,771	29%
Satisfied	41	73%	3,775	62%
Dissatisfied	8	14%	469	8%
Very Dissatisfied	0	0%	110	2%
Total	56	100%	6,125	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0101		SYSTEM	
Very Useful	10	21%	1,989	40%
Somewhat Useful	31	65%	2,266	46%
Not Very Useful	4	8%	531	11%
Not at All Useful	3	6%	158	3%
Total	48	100%	4,944	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0101		SYSTEM		
Yes	8	14%	515	9%	
No	48	86%	5,527	91%	



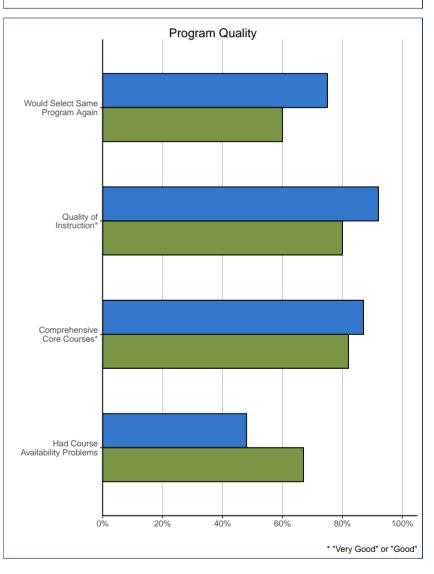
Would select the same program again:	14.0101		SYSTEM	
Yes	31	60%	4,137	75%
No	21	40%	1,363	25%

Quality of Instruction:	14.0101		SYSTEM	
Very Good	4	7%	1,727	28%
Good	41	73%	3,934	64%
Poor	11	20%	402	7%
Very Poor	0	0%	77	1%
Total	56	100%	6.140	100%

Comprehensiveness of Core Courses:	14.	14.0101		SYSTEM	
Very Good	6	11%	1,667	27%	
Good	40	71%	3,645	60%	
Poor	10	18%	649	11%	
Very Poor	0	0%	115	2%	
Total	56	100%	6.076	100%	

Course Availability:	14.0101		SYSTEM	
Encountered course availability problems	39	67%	2.918 48%	

Financial Constraints:	14.0101		SYS	TEM
Had to interrupt studies for financial reasons	3	5%	565	9%
Had to take program part-time for financial reasons	2	4%	955	16%



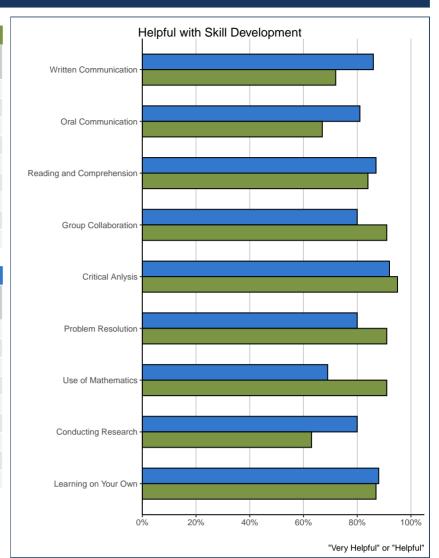




SKILL DEVELOPMENT

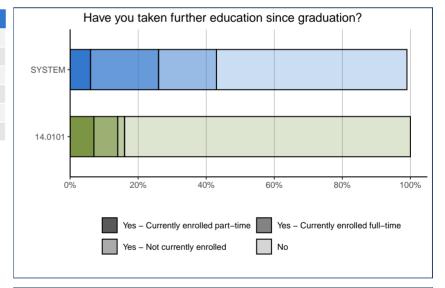
			14.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	5%	67%	26%	2%	57
Oral Communication	11%	56%	30%	4%	54
Reading and Comprehension	28%	56%	14%	2%	57
Group Collaboration	34%	57%	7%	2%	58
Critical Anlysis	47%	48%	3%	2%	58
Problem Resolution	35%	56%	7%	2%	57
Use of Mathematics	38%	53%	5%	3%	58
Conducting Research	16%	47%	35%	2%	55
Learning on Your Own	53%	34%	10%	2%	58

			SYSTEM		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	29%	57%	13%	2%	6,011
Oral Communication	25%	56%	16%	2%	6,039
Reading and Comprehension	32%	55%	12%	1%	6,026
Group Collaboration	30%	50%	17%	4%	6,055
Critical Anlysis	43%	49%	7%	2%	6,142
Problem Resolution	25%	55%	18%	3%	5,966
Use of Mathematics	22%	47%	24%	7%	4,674
Conducting Research	32%	48%	17%	3%	5,806
Learning on Your Own	39%	49%	9%	2%	6,059

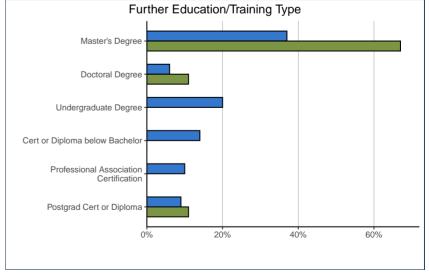


FURTHER EDUCATION

Took further education since 2022 graduation:	14.0	0101	SYS	TEM
Yes	9	16%	2,708	44%
Not currently enrolled	1	2%	1,069	17%
Currently enrolled full-time	4	7%	1,219	20%
Currently enrolled part-time	4	7%	389	6%
No	48	84%	3,459	56%
Total	57	100%	6,167	100%



Type of Formal Post–Secondary Education:	14.	14.0101		TEM
Master's Degree	6	67%	979	37%
Doctoral Degree	1	11%	155	6%
Another Undergraduate Degree	0	0%	543	20%
Certificate or Diploma below Bachelor Level	0	0%	374	14%
Professional Association Certification	0	0%	274	10%
Postgraduate Certificate or Diploma	1	11%	238	9%
Other	1	11%	119	4%
Total	9	100%	2,682	100%





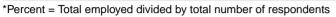
EMPLOYMENT

490

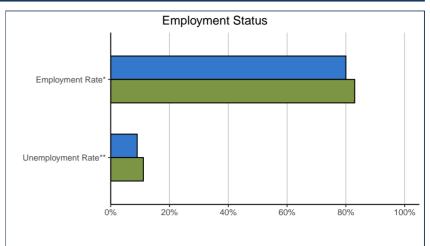
9.0%

11.1%

Labour Fource Status:	14.	14.0101		14.0101 SYSTE		TEM
In Labour Force (working or seeking work)	54	96%	5,472	90%		
Not in Labour Force	2	4%	613	10%		
Total	56	100%	6,085	100%		
Employment:	14.	14.0101		14.0101		TEM
Employment Rate*	48	83%	4,982	80%		



^{**}Percent = Total unemployed divided by total number in labour force



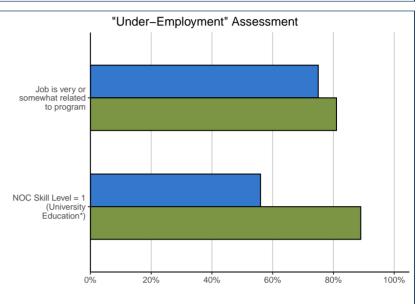
Status of Graduates NOT in Labour Force:	14.0)101	SYS	TEM
Attending School FT	1	50%	446	73%
Attending School PT	1	50%	19	3%
Other	0	0%	148	24%
Total NOT in Labour Force	2	100%	613	100%

Primary Employment Type:	14.0101		SYS	TEM
Paid Worker	47	98%	4,678	94%
Self-Employed	1	2%	296	6%
Total	48	100%	4,974	100%

Job Characteristics:	14.0101		SYS	TEM
I hold more than one job*	7	15%	941	19%
My main job is full-time (>= 30 hours per week)**	46	98%	4,109	87%

^{*}Of total employed

Unemployment Rate**



How related is your main job to your program?	14.0101		SYS	TEM
Very Related	10	21%	2,190	44%
Somewhat Related	29	60%	1,532	31%
Not Very Related	6	13%	579	12%
Not at All Related	3	6%	668	13%
Total	48	100%	4,969	100%

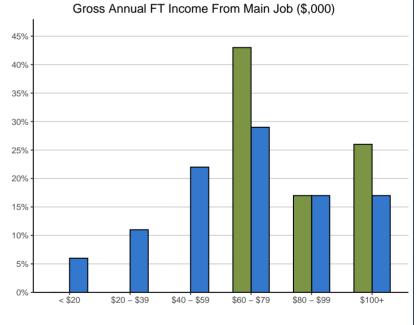
14.0101		SYS	TEM
39	81%	3,722	75%
41	89%	2,648	56%
	39	39 81%	39 81% 3,722

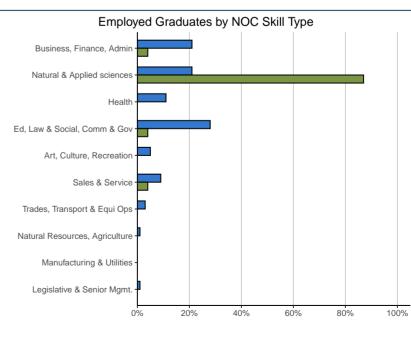
*Of total valid responses; No	OC 2021 (TEER)
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Gross Annual Income from Main Job:*	14.	14.0101		SYSTEM	
Less than \$20,000	0	0%	208	6%	
\$20,000 to \$39,999	~	~	406	11%	
\$40,000 to \$59,999	~	~	818	22%	
\$60,000 to \$79,999	15	43%	1,081	29%	
\$80,000 to \$99,999	6	17%	627	17%	
\$100,000 and Above	9	26%	623	17%	
Total	35	100%	3,763	100%	
Median Annual Income (full-time) (\$)	78,500		71,127		
Average Annual Income (full-time) (\$)	90,425		78,771		
*\\/hara data provided					

*Where data provided

NOC Skill Type of Main Job (NOC 2021):	14.0101		SYSTEM	
Legislative and senior management	0	0%	59	1%
Business, finance & administration	2	4%	982	21%
Natural & applied sciences & related	40	87%	966	21%
Health	0	0%	527	11%
Education, law and social, community & government	2	4%	1,323	28%
Art, culture, recreation & sport	0	0%	239	5%
Sales & service	2	4%	435	9%
Trades, transport & equipment operators & related	0	0%	119	3%
Natural resources, agriculture & related production	0	0%	34	1%
Manufacturing & utilities	0	0%	19	0%
Total	46	100%	4,703	100%





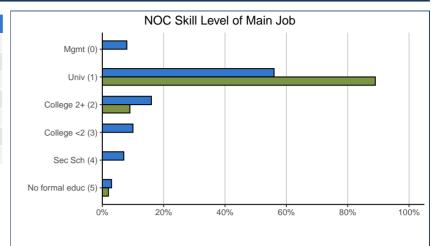
^{**}Of those who provided data on hours/week worked





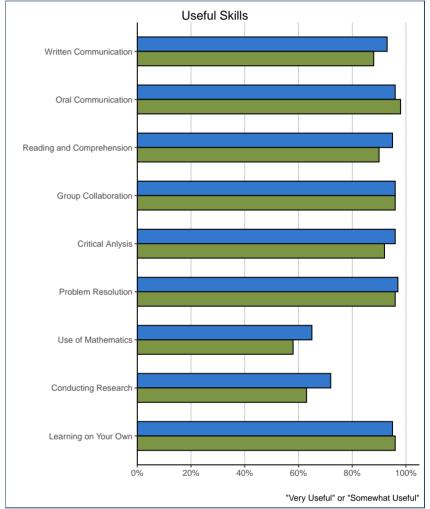
EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	14.0	0101	SYSTEM	
0. Management	0	0%	382	8%
1. University education	41	89%	2,648	56%
2. College education/trade apprenticeship (2+ years)	4	9%	748	16%
3. College education/trade apprenticeship (<2 years)	0	0%	476	10%
4. Secondary school + job-specific training	0	0%	322	7%
5. No formal education	1	2%	127	3%
Total	46	100%	4,703	100%



	14.0101				
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	50%	38%	8%	4%	48
Oral Communication	67%	31%	0%	2%	48
Reading and Comprehension	73%	17%	10%	0%	48
Group Collaboration	65%	31%	4%	0%	48
Critical Anlysis	75%	17%	4%	4%	48
Problem Resolution	71%	25%	4%	0%	48
Use of Mathematics	11%	47%	28%	15%	47
Conducting Research	28%	35%	28%	9%	46
Learning on Your Own	81%	15%	0%	4%	48

	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	71%	22%	5%	2%	4,946
Oral Communication	77%	19%	3%	1%	4,956
Reading and Comprehension	73%	22%	3%	1%	4,946
Group Collaboration	78%	18%	2%	1%	4,952
Critical Anlysis	77%	19%	3%	1%	4,949
Problem Resolution	79%	18%	2%	1%	4,949
Use of Mathematics	30%	35%	22%	14%	4,790
Conducting Research	39%	33%	17%	11%	4,847
Learning on Your Own	69%	26%	3%	1%	4,942



ccupations of 14.0101 G	Graduates*:	14.0101
NOC Skill Level	Description	% Employed FT in this Occ.**
1	Software engineers and designers	31%
1	Software developers and programmers	15%
1	Electrical and electronics engineers	13%
		Software engineers and designers Software developers and programmers

 $^{^{\}star}$ Data not displayed where n < 5; NOC 2021

^{**} Percentages cited are of those employed

Top 10 Full-Tim	Top 10 Full-Time Occupations of SYSTEM Graduates*:		SYSTEM
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
31301	1	Registered nurses and registered psychiatric nurses	5%
21231	1	Software engineers and designers	4%
XXXXX	Χ	Unclassified occupations	4%
41221	1	Elementary school and kindergarten teachers	3%
11202	1	Professional occupations in advertising, marketing and public relations	2%
11100	1	Financial auditors and accountants	2%
42201	2	Social and community service workers	2%
21232	1	Software developers and programmers	2%
13100	3	Administrative officers	2%
41220	1	Secondary school teachers	2%

^{*} Data not displayed where n < 5; NOC 2021

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	0101	SYSTEM	
Personal savings, investments	12	12 21%		32%
Employment while studying	28	49%	3,012	50%
Family/Friends	41	72%	3,627	60%
Personal bank loans	0	0%	337	6%
Government student loans	16	28%	2,007	33%
Scholarships/Bursaries/Grants	18	32%	1,988	33%
Other	35	61%	1,362	22%
Total	57		6,073	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.0101		SYSTEM	
Incurred any form of financial debt	20	35%	2,595	43%
Incurred government-sponsored student loan debt	17	29%	2,232	36%

^{*} Percentage of respondents who provided data



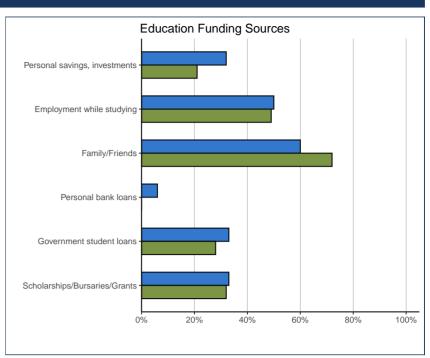
^{*} Includes only cases where financial debt was incurred

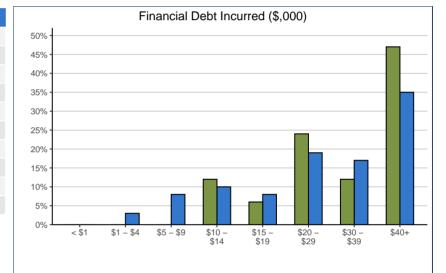


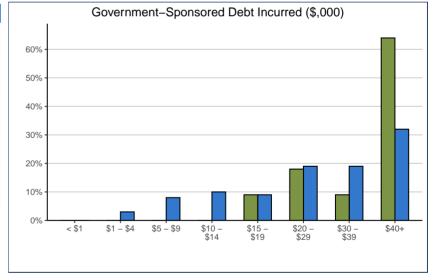
^{*} Includes only cases where government-sponsored debt was incurred

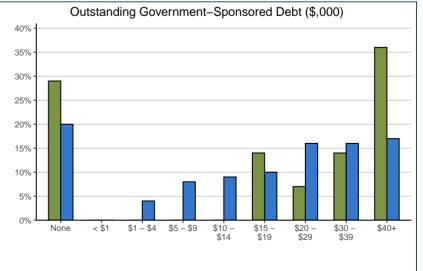


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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