

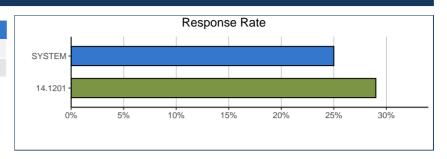
B.C. Baccalaureate Outcomes 2024 Survey of 2022 Baccalaureate Graduates

14.1201

Detailed Summary of Survey Results
All Institutions
14.1201: Engineering physics/applied physics

RESPONSE RATE

Survey Response Rate:	14.1201		SYSTEM	
Baccalaureate Graduates Survey Cohort	69	100%	24,572	100%
Survey Respondents and Response Rate	20	29%	6,200	25%

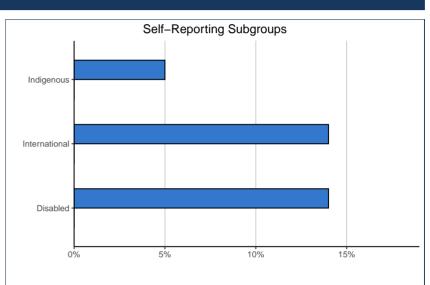


DEMOGRAPHIC INFORMATION

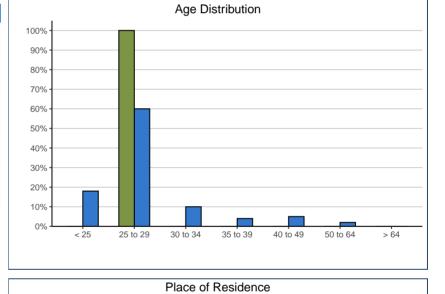
Self-Reporting Subgroups:	14.1201		SYSTEM	
Disabled	~	~	851	14%
International	~	~	878	14%
Indigenous	~	~	264	5%

Gender:*	14.1201		SYSTEM	
Man/Boy	15	75%	2,656	43%
Woman/Girl	5	25%	3,527	57%
Total	20	100%	6,183	100%

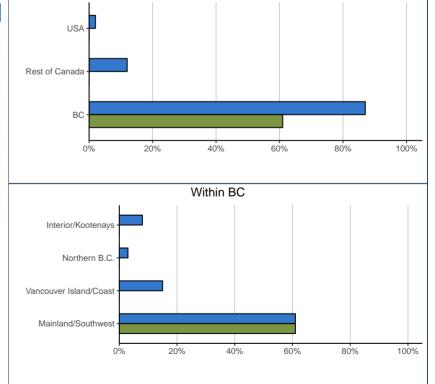
^{*}Due to zero or low counts, institution-reported "Non-Binary" demographic data are not included



Age (at time of survey):	14.1201		SYSTEM	
< 25	0	0%	1,133	18%
25 to 29	19	100%	3,740	60%
30 to 34	0	0%	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	19	100%	6,186	100%
Median Age	26		26	
Average (mean) Age	26		28	



Place of Residence (at time of survey):	14.	14.1201		SYSTEM	
BC – Mainland/Southwest	11	61%	3,405	61%	
BC - Vancouver Island/Coast	0	0%	809	15%	
BC – Northern B.C.	0	0%	160	3%	
BC – Interior/Kootenays	0	0%	459	8%	
BC Subtotal	11	61%	4,833	87%	
Canada – Alberta	~	~	266	5%	
Canada – Ontario	~	~	212	4%	
Canada – Other	0	0%	139	3%	
U.S.A.	~	~	100	2%	
Non-BC Subtotal	7	39%	717	13%	
Total	18	100%	5,550	100%	





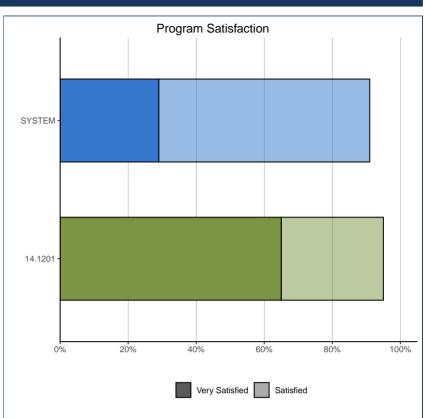


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1201		SYSTEM	
Very Satisfied	13	65%	1,771	29%
Satisfied	6	30%	3,775	62%
Dissatisfied	1	5%	469	8%
Very Dissatisfied	0	0%	110	2%
Total	20	100%	6,125	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.1201		SYSTEM	
Very Useful	9	69%	1,989	40%
Somewhat Useful	4	31%	2,266	46%
Not Very Useful	0	0%	531	11%
Not at All Useful	0	0%	158	3%
Total	13	100%	4,944	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.1201		SYSTEM	
Yes	1	5%	515	9%	
No	19	95%	5,527	91%	



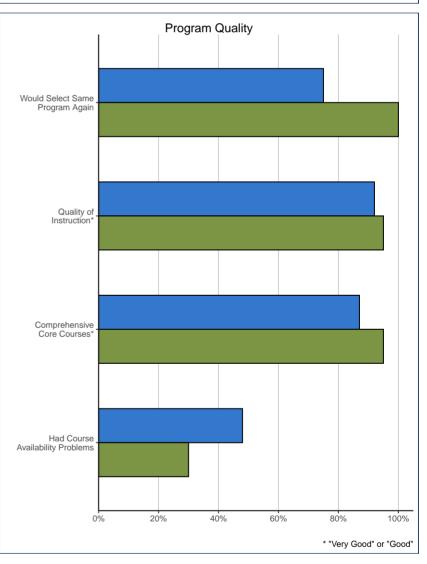
Would select the same program again:	14.1201		SYSTEM	
Yes	20	100%	4,137	75%
No	0	0%	1,363	25%

Quality of Instruction:	14.1201		SYSTEM	
Very Good	11	55%	1,727	28%
Good	8	40%	3,934	64%
Poor	1	5%	402	7%
Very Poor	0	0%	77	1%
Total	20	100%	6,140	100%

Comprehensiveness of Core Courses:	14.1201		SYSTEM	
Very Good	10	50%	1,667	27%
Good	9	45%	3,645	60%
Poor	1	5%	649	11%
Very Poor	0	0%	115	2%
Total	20	100%	6,076	100%

Course Availability:	14.1	201	SYSTEM	
Encountered course availability problems	6	30%	2.918	48%

Financial Constraints:	14.1201		SYS	TEM
Had to interrupt studies for financial reasons	0	0%	565	9%
Had to take program part-time for financial reasons	0	0%	955	16%



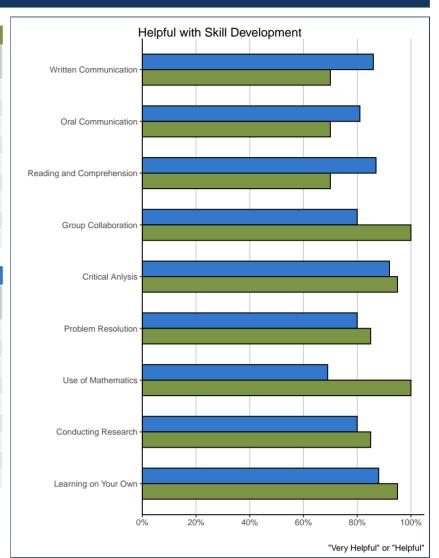




SKILL DEVELOPMENT

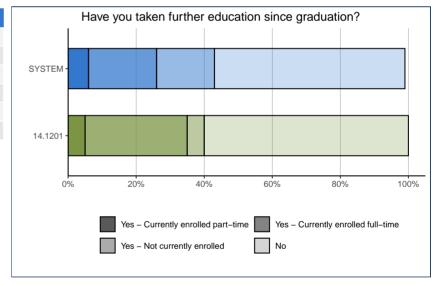
			14.1201		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	45%	30%	0%	20
Oral Communication	35%	35%	20%	10%	20
Reading and Comprehension	40%	30%	25%	5%	20
Group Collaboration	70%	30%	0%	0%	20
Critical Anlysis	85%	10%	5%	0%	20
Problem Resolution	50%	35%	15%	0%	20
Use of Mathematics	85%	15%	0%	0%	20
Conducting Research	30%	55%	15%	0%	20
Learning on Your Own	75%	20%	0%	5%	20

			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

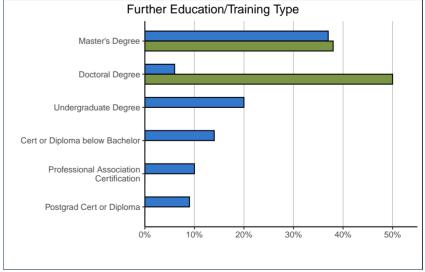


FURTHER EDUCATION

Took further education since 2022 graduation:	14.1201		SYSTEM	
Yes	8	40%	2,708	44%
Not currently enrolled	1	5%	1,069	17%
Currently enrolled full-time	6	30%	1,219	20%
Currently enrolled part-time	1	5%	389	6%
No	12	60%	3,459	56%
Total	20	100%	6,167	100%



Type of Formal Post–Secondary Education:	14.	14.1201		TEM
Master's Degree	3	38%	979	37%
Doctoral Degree	4	50%	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	0	0%	238	9%
Other	1	13%	119	4%
Total	8	100%	2,682	100%







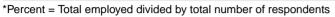
EMPLOYMENT

490

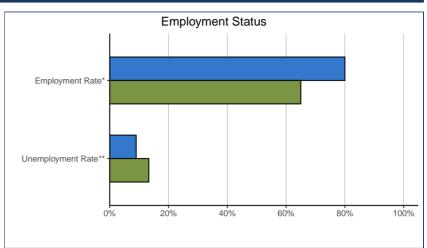
9.0%

13.3%

Labour Fource Status:	14.1201		SYSTEM	
In Labour Force (working or seeking work)	15	75%	5,472	90%
Not in Labour Force	5	25%	613	10%
Total	20	100%	6,085	100%
Employment:	14.1201		SYS	TEM
Employment Rate*	13	65%	4,982	80%



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



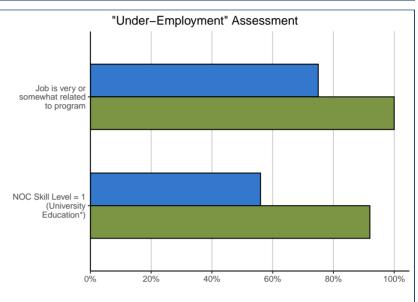
Status of Graduates NOT in Labour Force:	14.1201		SYSTEM	
Attending School FT	3	60%	446	73%
Attending School PT	0	0%	19	3%
Other	2	40%	148	24%
Total NOT in Labour Force	5	100%	613	100%

Primary Employment Type:	14.1201		SYSTEM	
Paid Worker	13	100%	4,678	94%
Self-Employed	0	0%	296	6%
Total	13	100%	4,974	100%

Job Characteristics:	14.1201		SYS	TEM
I hold more than one job*	0	0%	941	19%
My main job is full-time (>= 30 hours per week)**	12	92%	4,109	87%

^{*}Of total employed

Unemployment Rate**



How related is your main job to your program?	14.1201		SYSTEM	
Very Related	7	54%	2,190	44%
Somewhat Related	6	46%	1,532	31%
Not Very Related	0	0%	579	12%
Not at All Related	0	0%	668	13%
Total	13	100%	4,969	100%

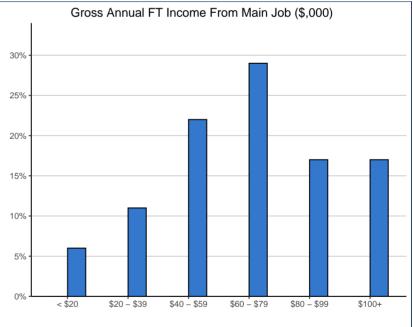
"Under-Employment" Assessment:	14.1201		SYSTEM	
Job is very or somewhat related to program	13	100%	3,722	75%
NOC Skill Level = 1 (University Education)*	11	92%	2,648	56%

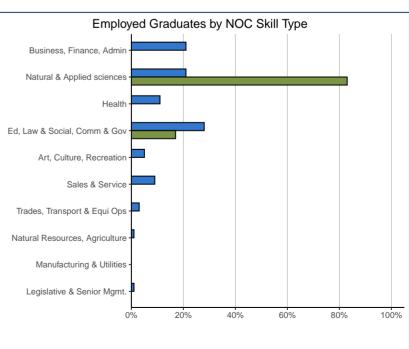
*Of total valid responses; NC	OC 2021 (TEER)
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Gross Annual Income from Main Job:*	14.	14.1201		SYSTEM	
Less than \$20,000	0	0%	208	6%	
\$20,000 to \$39,999		~	406	11%	
\$40,000 to \$59,999	~	~	818	22%	
\$60,000 to \$79,999	0	0%	1,081	29%	
\$80,000 to \$99,999	~	~	627	17%	
\$100,000 and Above	~	~	623	17%	
Total	11	100%	3,763	100%	
Median Annual Income (full-time) (\$)	130,938		71,127		
Average Annual Income (full-time) (\$)	130,312		78,771		
*\\/\bara data provided					

*Where data provided

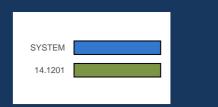
NOC Skill Type of Main Job (NOC 2021):	14.	14.1201		SYSTEM	
Legislative and senior management	0	0%	59	1%	
Business, finance & administration	0	0%	982	21%	
Natural & applied sciences & related	10	83%	966	21%	
Health	0	0%	527	11%	
Education, law and social, community & government	2	17%	1,323	28%	
Art, culture, recreation & sport	0	0%	239	5%	
Sales & service	0	0%	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	12	100%	4,703	100%	





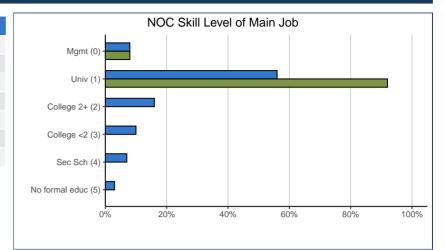
^{**}Of those who provided data on hours/week worked



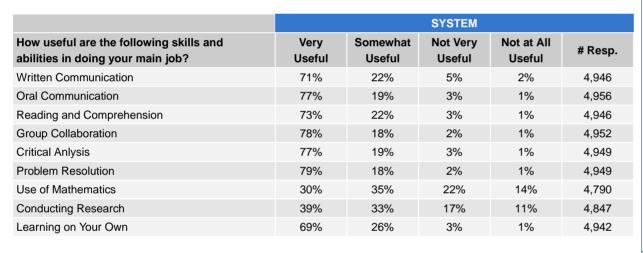


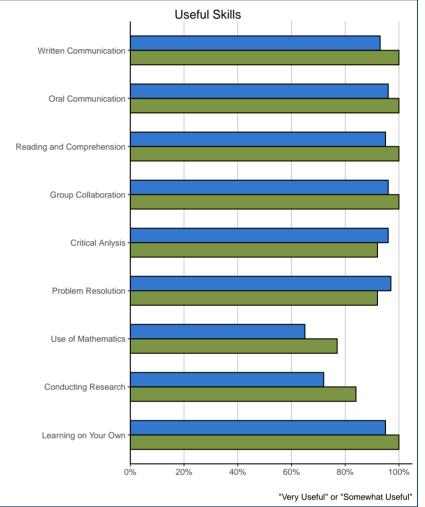
EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	14.1201		SYSTEM	
0. Management	1 8%		382	8%
1. University education		92%	2,648	56%
2. College education/trade apprenticeship (2+ years)	0	0%	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	0	0%	127	3%
Total	12	100%	4,703	100%



	14.1201				
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	46%	54%	0%	0%	13
Oral Communication	69%	31%	0%	0%	13
Reading and Comprehension	62%	38%	0%	0%	13
Group Collaboration	77%	23%	0%	0%	13
Critical Anlysis	92%	0%	0%	8%	13
Problem Resolution	92%	0%	0%	8%	13
Use of Mathematics	46%	31%	15%	8%	13
Conducting Research	38%	46%	8%	8%	13
Learning on Your Own	92%	8%	0%	0%	13





Top 10 Full-Time	Occupations of 14.1201 G	Fraduates*:	14.1201
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
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^{*} Data not displayed where n < 5; NOC 2021

^{**} Percentages cited are of those employed

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



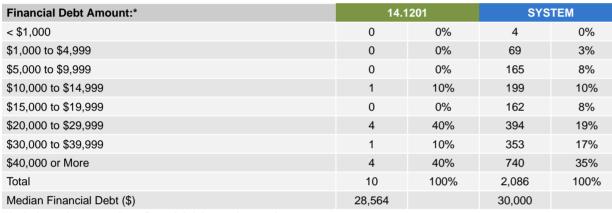
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.1201		TEM
Personal savings, investments	3	3 15%		32%
Employment while studying		5%	3,012	50%
Family/Friends	16	80%	3,627	60%
Personal bank loans	0	0%	337	6%
Government student loans	8	40%	2,007	33%
Scholarships/Bursaries/Grants	8	40%	1,988	33%
Other	18	90%	1,362	22%
Total	20		6,073	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.1201		SYSTEM	
Incurred any form of financial debt	10	50%	2,595	43%
Incurred government-sponsored student loan debt	10	50%	2,232	36%

^{*} Percentage of respondents who provided data



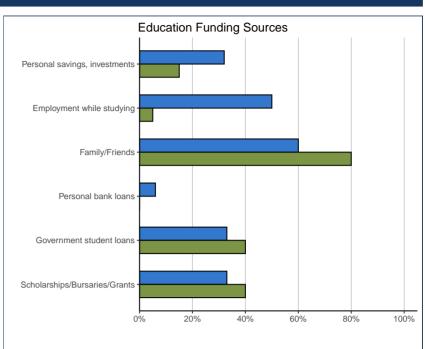
^{*} Includes only cases where financial debt was incurred

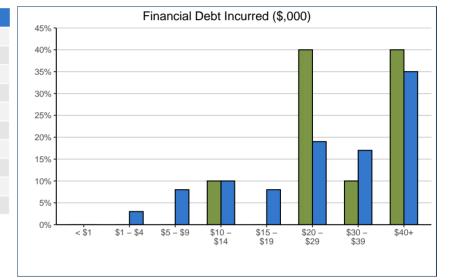


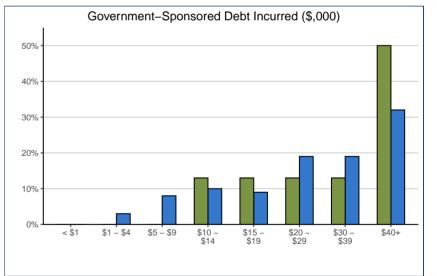
^{*} Includes only cases where government-sponsored debt was incurred

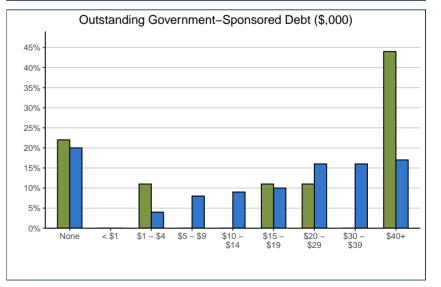


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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