

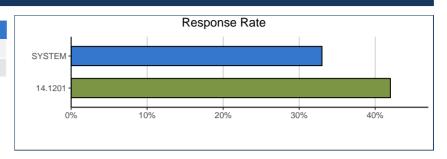
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

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	55	100%	25,962	100%
Survey Respondents and Response Rate	23	42%	8,603	33%

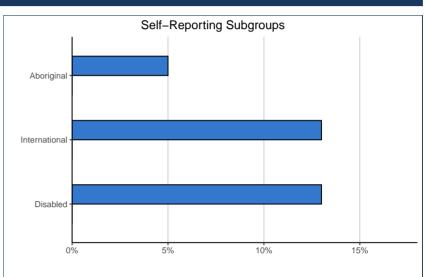


DEMOGRAPHIC INFORMATION

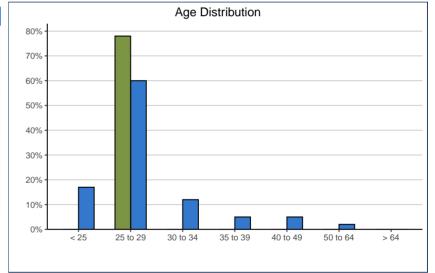
Self-Reporting Subgroups:	14.1201		SYS	TEM
Disabled	~	~	1,079	13%
International	~	~	1,153	13%
Aboriginal	0	0%	330	5%

Gender:*	14.1201		SYSTEM	
Male	~	~	3,534	41%
Female	~	~	5,051	59%
Total	23	100%	8,585	100%

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

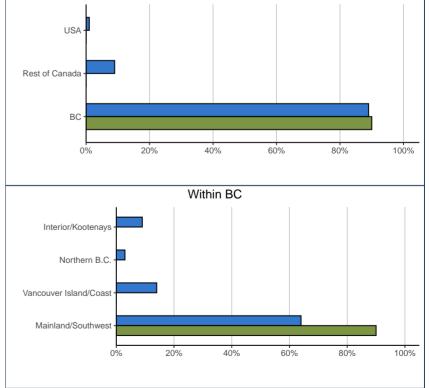


Age (at time of survey):	14.1201		SYSTEM	
< 25	~	~	1,417	17%
25 to 29	18	78%	5,150	60%
30 to 34	~	~	994	12%
35 to 39	~	~	417	5%
40 to 49	0	0%	407	5%
50 to 64	0	0%	175	2%
> 64	0	0%	26	0%
Total	23	100%	8,586	100%
Median Age	26		26	
Average (mean) Age	26		28	



Place of Residence

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Place of Residence (at time of survey):	14.1201		SYSTEM	
BC – Mainland/Southwest	18	90%	4,824	64%
BC - Vancouver Island/Coast	0	0%	1,065	14%
BC – Northern B.C.	0	0%	225	3%
BC – Interior/Kootenays	0	0%	673	9%
BC Subtotal	18	90%	6,787	89%
Canada – Alberta	0	0%	328	4%
Canada – Ontario	~	~	239	3%
Canada – Other	0	0%	165	2%
U.S.A.	~	~	75	1%
Non-BC Subtotal	~	~	807	11%
Total	~	~	7,594	100%





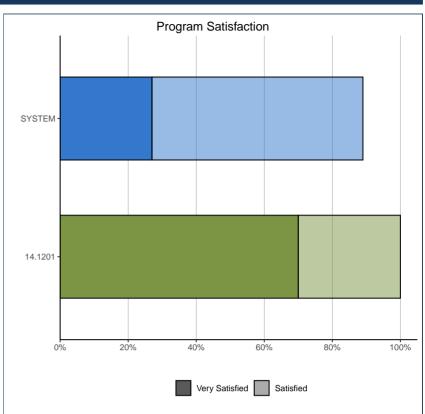


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1201		SYS	TEM
Very Satisfied	16	70%	2,262	27%
Satisfied	7	30%	5,296	62%
Dissatisfied	0	0%	740	9%
Very Dissatisfied	0	0%	184	2%
Total	23	100%	8,482	100%

14.1201		SYSTEM	
10	56%	2,704	39%
7	39%	3,247	46%
1	6%	814	12%
0	0%	250	4%
18	100%	7,015	100%
	7 1 0	7 39% 1 6% 0 0%	7 39% 3,247 1 6% 814 0 0% 250

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.1201		SYSTEM	
Yes	1	4%	818	10%	
No	22	96%	7,545	90%	



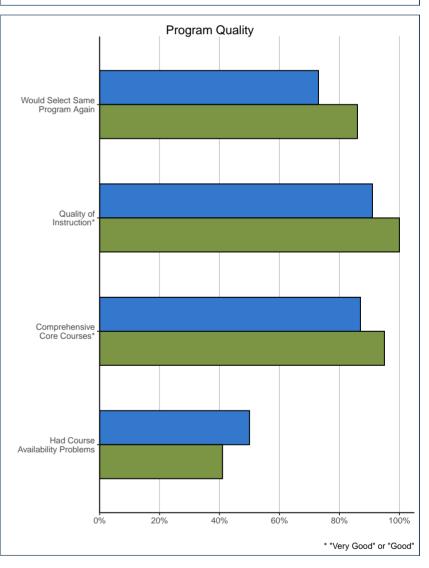
Would select the same program again:	14.1201		SYSTEM	
Yes	19	86%	5,501	73%
No	3	14%	2,019	27%

Quality of Instruction:	14.	14.1201		SYSTEM	
Very Good	9	39%	2,328	27%	
Good	14	61%	5,423	64%	
Poor	0	0%	649	8%	
Very Poor	0	0%	131	2%	
Total	23	100%	8,531	100%	

Comprehensiveness of Core Courses:	14.	14.1201		TEM
Very Good	12	52%	2,206	26%
Good	10	43%	5,161	61%
Poor	1	4%	862	10%
Very Poor	0	0%	171	2%
Total	23	100%	8.400	100%

Course Availability:	14.1201		SYSTEM	
Encountered course availability problems	9	41%	4.193	50%

Financial Constraints:	14.1201		SYSTEM	
Had to interrupt studies for financial reasons	1	4%	926	11%
Had to take program part-time for financial reasons	1	4%	1,545	18%



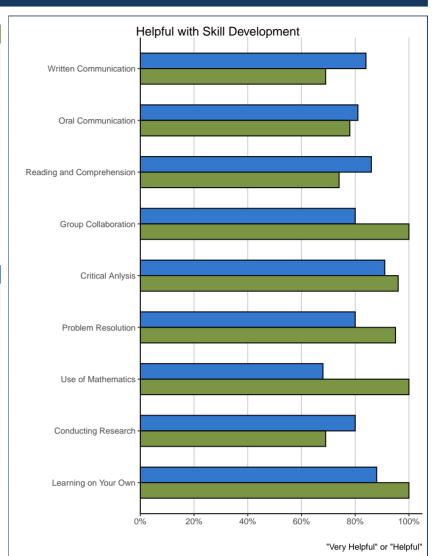




SKILL DEVELOPMENT

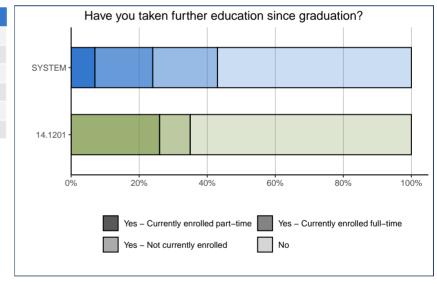
			14.1201		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	17%	52%	26%	4%	23
Oral Communication	17%	61%	17%	4%	23
Reading and Comprehension	13%	61%	26%	0%	23
Group Collaboration	61%	39%	0%	0%	23
Critical Anlysis	74%	22%	4%	0%	23
Problem Resolution	78%	17%	4%	0%	23
Use of Mathematics	87%	13%	0%	0%	23
Conducting Research	17%	52%	22%	9%	23
Learning on Your Own	83%	17%	0%	0%	23

			SYSTEM		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	57%	13%	3%	8,300
Oral Communication	25%	56%	17%	3%	8,321
Reading and Comprehension	30%	56%	13%	2%	8,343
Group Collaboration	28%	52%	17%	4%	8,403
Critical Anlysis	42%	49%	7%	2%	8,503
Problem Resolution	25%	55%	17%	3%	8,293
Use of Mathematics	21%	47%	24%	8%	6,569
Conducting Research	30%	50%	17%	4%	8,092
Learning on Your Own	38%	50%	9%	3%	8,397

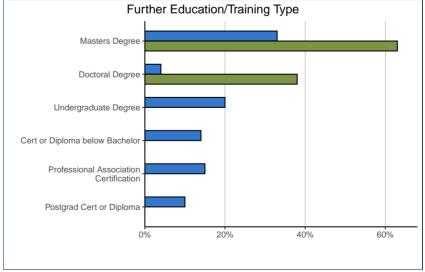


FURTHER EDUCATION

Took further education since 2021 graduation:	14.1201		SYSTEM	
Yes	8	35%	3,668	43%
Not currently enrolled	2	9%	1,580	19%
Currently enrolled full-time	6	26%	1,472	17%
Currently enrolled part-time	0	0%	565	7%
No	15	65%	4,870	57%
Total	23	100%	8,538	100%



Type of Formal Post–Secondary Education:	14.	14.1201		TEM
Masters Degree	5	63%	1,184	33%
Doctoral Degree	3	38%	153	4%
Another Undergraduate Degree	0	0%	718	20%
Certificate or Diploma below Bachelor level	0	0%	510	14%
Professional Association Certification	0	0%	538	15%
Postgraduate Certificate or Diploma	0	0%	359	10%
Other	0	0%	162	4%
Total	8	100%	3,624	100%

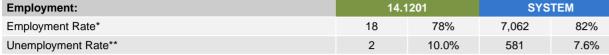




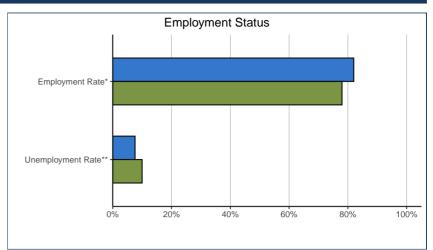


EMPLOYMENT

Labour Fource Status:	14.1201		SYSTEM	
In Labour Force (working or seeking work)	20	87%	7,643	90%
Not in Labour Force	3	13%	803	10%
Total	23	100%	8,446	100%
Employment:	14.1201		SYSTEM	



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

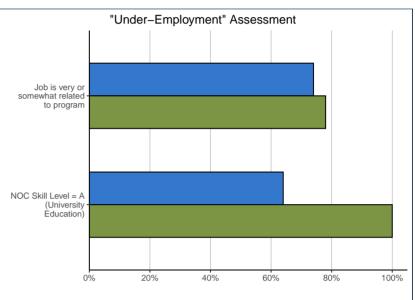


Status of Graduates NOT in Labour Force:	14.1201		SYSTEM	
Attending School FT	3	100%	565	70%
Attending School PT	0	0%	20	2%
Other	0	0%	218	27%
Total NOT in Labour Force	3	100%	803	100%

Primary Employment Type:	14.1201		SYSTEM	
Paid worker	18	100%	6,623	94%
Self-employed	0	0%	412	6%
Total	18	100%	7,035	100%

Job Characteristics:	14.1201		SYSTEM	
I hold more than one job*	0	0%	1,243	18%
My main job is full-time (>= 30 hours per week)**	18	100%	5,922	89%

^{*}Of total Employed



How related is your main job to your program?	14.1201		SYSTEM	
Very Related	3	17%	3,081	44%
Somewhat Related	11	61%	2,151	31%
Not Very Related	4	22%	901	13%
Not at All Related	0	0%	910	13%
Total	18	100%	7,043	100%

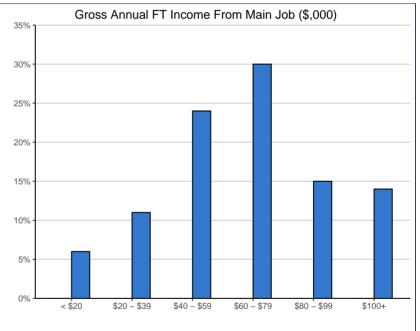
"Under-employment" Assessment:	14.1201		SYSTEM	
Job is very or somewhat related to program	14	78%	5,232	74%
NOC Skill Level = A (University Education)*	18	100%	4,148	64%

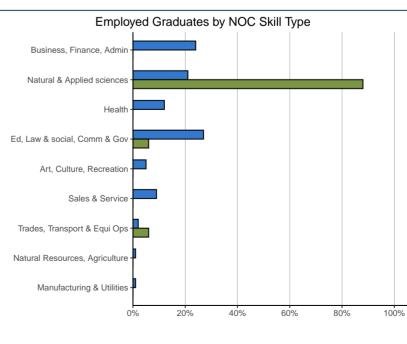
^{*}Of total valid responses

	14.1201		SYSTEM	
0	0%	310	6%	
0	0%	593	11%	
0	0%	1,303	24%	
~	~	1,609	30%	
~	~	805	15%	
~	~	729	14%	
18	100%	5,349	100%	
130,250		68,000		
169,015		74,015		
	0 0 ~ ~ ~ 18 130,250	0 0% 0 0% ~ ~ ~ ~ ~ ~ ~ 18 100% 130,250	0 0% 593 0 0% 1,303 ~ ~ 1,609 ~ ~ 805 ~ ~ 729 18 100% 5,349 130,250 68,000	

^{*}Where data provided

NOC Skill Type of Main Job:	14.1201		SYSTEM	
Business, finance & administration	0	0%	1,558	24%
Natural & applied sciences & related	15	88%	1,354	21%
Health	0	0%	761	12%
Education, law and social, community & government	1	6%	1,787	27%
Art, culture, recreation & sport	0	0%	296	5%
Sales & service	0	0%	559	9%
Trades, transport & equipment operators & related	1	6%	114	2%
Natural resources, agriculture & related production	0	0%	35	1%
Manufacturing & utilities	0	0%	35	1%
Total	17	100%	6,499	100%





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

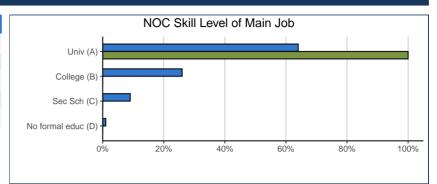
^{**}Of those who provided data on hours/week worked



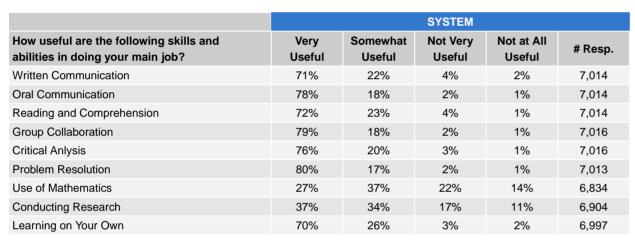


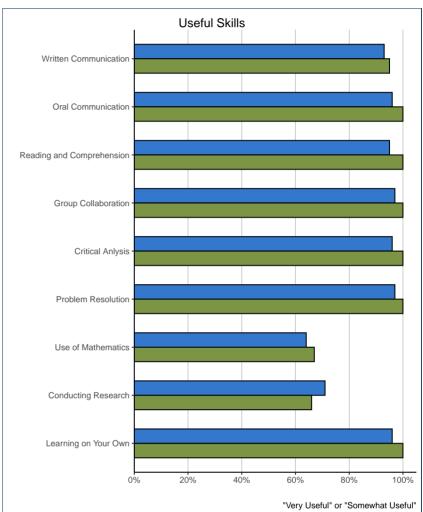
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1201		SYSTEM	
A. University education		100%	4,148	64%
B. College education/trade apprenticeship	0	0%	1,713	26%
C. Secondary school + job-specific training	0	0%	564	9%
D. No formal education	0	0%	90	1%
Total	18	100%	6,515	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	67%	28%	6%	0%	18
Oral Communication	100%	0%	0%	0%	18
Reading and Comprehension	78%	22%	0%	0%	18
Group Collaboration	89%	11%	0%	0%	18
Critical Anlysis	89%	11%	0%	0%	18
Problem Resolution	94%	6%	0%	0%	18
Use of Mathematics	39%	28%	22%	11%	18
Conducting Research	44%	22%	28%	6%	18
Learning on Your Own	94%	6%	0%	0%	18





Top 10 Full-time Occupations of 14.1201 Graduates:		14.1201	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	A	Software engineers and designers	28%
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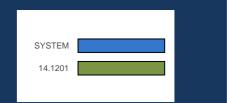
 $^{^{\}star}$ Data not displayed where n < 5

^{**} 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	Α	Registered nurses and registered psychiatric nurses	6%
XXXX	0	Unclassified occupations	5%
2173	Α	Software engineers and designers	3%
1111	Α	Financial auditors and accountants	3%
4032	Α	Elementary school and kindergarten teachers	3%
4212	В	Social and community service workers	3%
1123	Α	Professional occupations in advertising, marketing and public relations	3%
2174	Α	Computer programmers and interactive media developers	3%
1221	В	Administrative officers	2%
4031	А	Secondary school teachers	2%

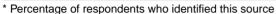
^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.1201		SYS	TEM
Personal savings, investments	8	35%	2,643	31%
Employment while studying		9%	4,042	48%
Family/Friends	18	78%	5,041	60%
Personal bank loans	0	0%	535	6%
Government student loans	9	39%	2,834	34%
Scholarships/Bursaries/Grants	9	39%	2,631	31%
Other	17	74%	1,990	24%
Total	23		8,391	



Financial Debt Incurred to Finance Bac. Ed.:*	14.1201		SYSTEM	
Incurred any form of financial debt	39%	3,736	44%	
Incurred government-sponsored student loan debt	9	39%	3,105	37%

^{*} Percentage of respondents who provided data



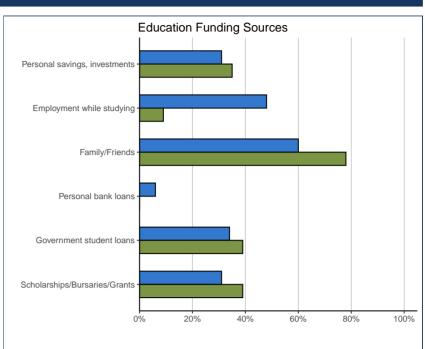
^{*} Includes only cases where financial debt was incurred

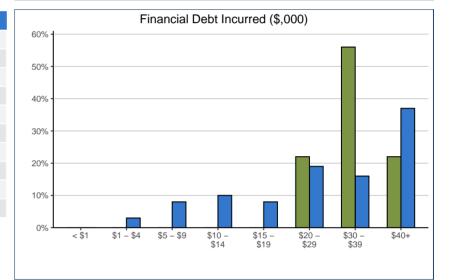


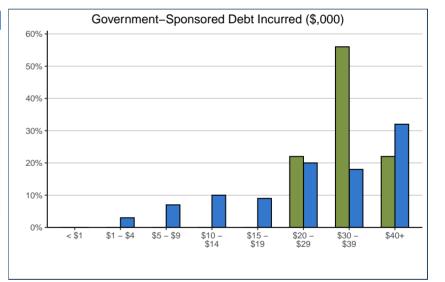
^{*} Includes only cases where government-sponsored debt was incurred

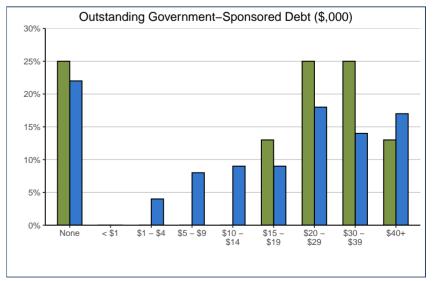


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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