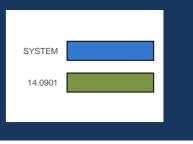
B.C. Baccalaureate Outcomes

2024 Survey of 2022 Baccalaureate Graduates

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

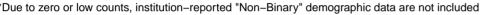


RESPONSE RATE											
Survey Response Rate:	14.	14.0901 SYSTEM					Resp	onse Rate			
Baccalaureate Graduates Survey Cohort	104	100%	24,572	100%	SYSTEM -						
Survey Respondents and Response Rate	26	25%	6,200	25%	OTOTEIM						
					14.0901 -						
					0%	5%	10%	15%	20%	25%	30

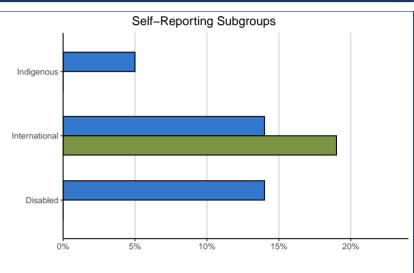
DEMOGRAPHIC INFORMATION

Self-Reporting Subgroups: 14.0901 SYSTEM Disabled 851 14% ~ ~ International 878 5 19% 14% 264 Indigenous 5%

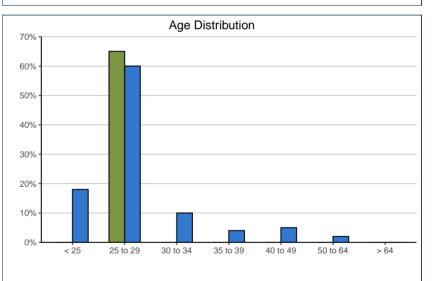
Gender:*	14.	14.0901		TEM
Man/Boy	~	~	2,656	43%
Woman/Girl	~	~	3,527	57%
Total	26	100%	6,183	100%



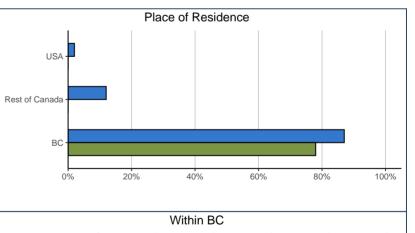
☑ BC Student
☑ Outcomes



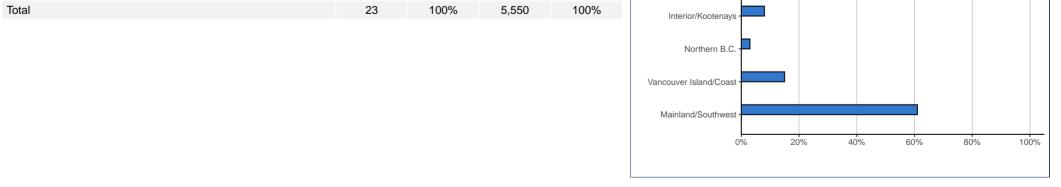
Age (at time of survey):	14.0901 SYST		ТЕМ	
< 25	~	~	1,133	18%
25 to 29	17	65%	3,740	60%
30 to 34	~	~	617	10%
35 to 39	0	0%	271	4%
40 to 49	~	~	279	5%
50 to 64	0	0%	129	2%
> 64	0	0%	17	0%
Total	26	100%	6,186	100%
Median Age	25		26	
Average (mean) Age	27		28	



Place of Residence (at time of survey):	14.0	901	SYS	TEM
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	18	78%	4,833	87%
Canada – Alberta	0	0%	266	5%
Canada – Ontario	~	~	212	4%
Canada – Other	~	~	139	3%
U.S.A.	~	~	100	2%
Non-BC Subtotal	5	22%	717	13%



1



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

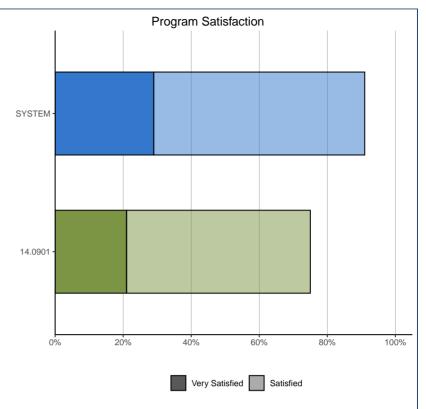
SYSTEM	
14.0901	

EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.0901		SYS	TEM
Very Satisfied	5	21%	1,771	29%
Satisfied	13	54%	3,775	62%
Dissatisfied	5	21%	469	8%
Very Dissatisfied	1	4%	110	2%
Total	24	100%	6,125	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0901		SYSTEM	
Very Useful	10	48%	1,989	40%
Somewhat Useful	9	43%	2,266	46%
Not Very Useful	2	10%	531	11%
Not at All Useful	0	0%	158	3%
Total	21	100%	4,944	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0901		SYSTEM	
Yes	1	4%	515	9%
No	22	96%	5,527	91%



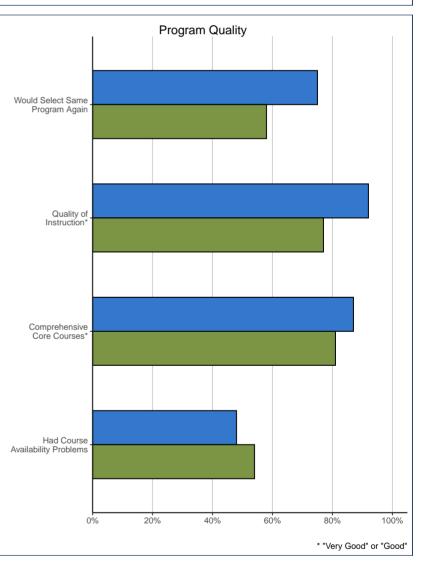
Would select the same program again:	14.(901	SYS	ТЕМ
Yes	11	58%	4,137	75%
No	8	42%	1,363	25%

Quality of Instruction:	14.0901 SYS		ТЕМ	
Very Good	4	15%	1,727	28%
Good	16	62%	3,934	64%
Poor	5	19%	402	7%
Very Poor	1	4%	77	1%
Total	26	100%	6,140	100%

Comprehensiveness of Core Courses:	14.0901		SYS	ТЕМ
Very Good	5	19%	1,667	27%
Good	16	62%	3,645	60%
Poor	5	19%	649	11%
Very Poor	0	0%	115	2%
Total	26	100%	6,076	100%

Course Availability:	14.0901		SYSTEM	
Encountered course availability problems	14	54%	2,918	48%

Financial Constraints:	14.0901		SYSTEM	
Had to interrupt studies for financial reasons	0	0%	565	9%
Had to take program part-time for financial reasons	1	4%	955	16%



Note: \sim indicates low cell count; data suppressed

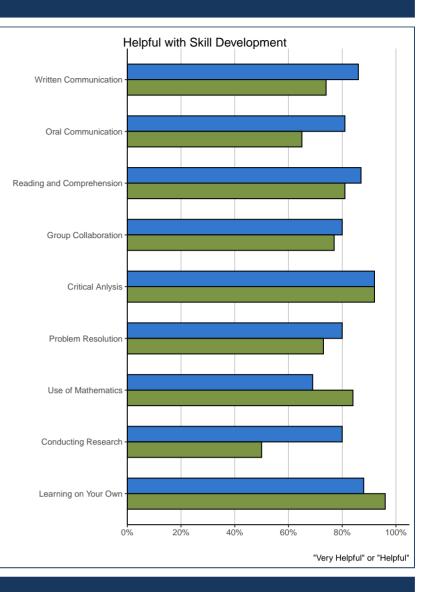
Detailed Summary of Survey Results All Institutions 14.0901: Computer engineering, general

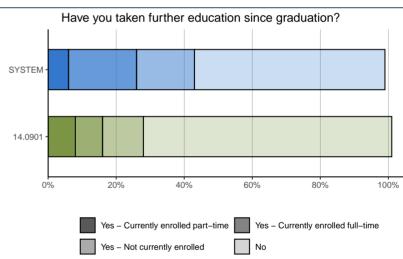
SYSTEM	
14.0901	

SKILL DEVELOPMENT

		14.0901			
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	12%	62%	23%	4%	26
Oral Communication	19%	46%	31%	4%	26
Reading and Comprehension	27%	54%	15%	4%	26
Group Collaboration	31%	46%	23%	0%	26
Critical Anlysis	27%	65%	8%	0%	26
Problem Resolution	27%	46%	23%	4%	26
Use of Mathematics	42%	42%	15%	0%	26
Conducting Research	8%	42%	29%	21%	24
Learning on Your Own	58%	38%	4%	0%	26

			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





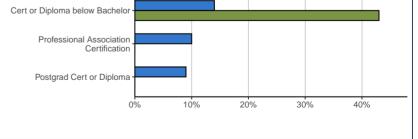
Further Education/Training Type

FURTHER EDUCATION

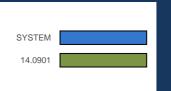
Took further education since 2022 graduation:	14.0	14.0901		SYSTEM	
Yes	7	27%	2,708	44%	
Not currently enrolled	3	12%	1,069	17%	
Currently enrolled full-time	2	8%	1,219	20%	
Currently enrolled part-time	2	8%	389	6%	
No	19	73%	3,459	56%	
Total	26	100%	6,167	100%	

Type of Formal Post–Secondary Education:	14.	14.0901		TEM
Master's Degree	2	29%	979	37%
Doctoral Degree	1	14%	155	6%
Another Undergraduate Degree	0	0%	543	20%
Certificate or Diploma below Bachelor Level	3	43%	374	14%
Professional Association Certification	0	0%	274	10%
Postgraduate Certificate or Diploma	0	0%	238	9%

r oogradado oor inicado or Dipiorna	Ũ	0,0	200	0,0	
Other	1	14%	119	4%	
Total	7	100%	2,682	100%	



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



EMPLOYMENT

4,982

490

80%

9.0%

Labour Fource Status:	14.	14.0901		ТЕМ
In Labour Force (working or seeking work)	23	88%	5,472	90%
Not in Labour Force	3	12%	613	10%
Total	26	100%	6,085	100%
Employment:	14.	14.0901		TEM

21

81%

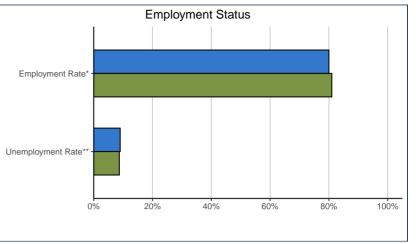
8.7%

Unemployment Rate** 2

*Percent = Total employed divided by total number of respondents

Employment Rate*

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



Status of Graduates NOT in Labour Force:	14.0901		SYSTEM	
Attending School FT	1	33%	446	73%
Attending School PT	1	33%	19	3%
Other	1	33%	148	24%
Total NOT in Labour Force	3	100%	613	100%

Primary Employment Type:	14.0901		SYS	ТЕМ
Paid Worker	21	100%	4,678	94%
Self-Employed	0	0%	296	6%
Total	21	100%	4,974	100%

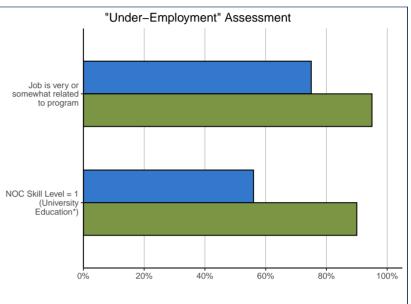
Job Characteristics:	14.0901		SYS	ТЕМ
I hold more than one job*	2	10%	941	19%
My main job is full-time (>= 30 hours per week)**	21	100%	4,109	87%
*Of total employed				

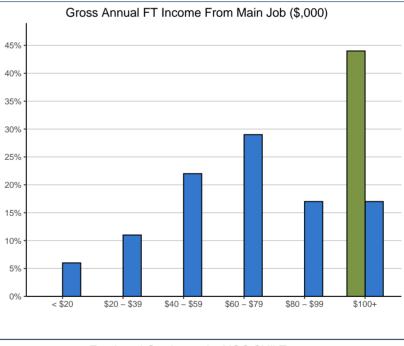


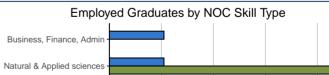
How related is your main job to your program?	14.	14.0901		TEM
Very Related	9	43%	2,190	44%
Somewhat Related	11	52%	1,532	31%
Not Very Related	0	0%	579	12%
Not at All Related	1	5%	668	13%
Total	21	100%	4,969	100%

"Under-Employment" Assessment:	14.	0901	SYS	ТЕМ
Job is very or somewhat related to program	20	20 95%		75%
NOC Skill Level = 1 (University Education)*	18	18 90%		56%
*Of total valid responses; NOC 2021 (TEER)				

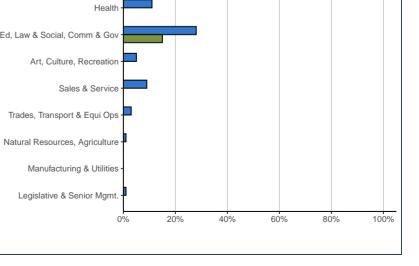
Gross Annual Income from Main Job:*	14.0	14.0901		TEM
Less than \$20,000	~	~	208	6%
\$20,000 to \$39,999	~	~	406	11%
\$40,000 to \$59,999	0	0%	818	22%
\$60,000 to \$79,999	~	~	1,081	29%
\$80,000 to \$99,999	~	~	627	17%
\$100,000 and Above	7	44%	623	17%
Total	16	100%	3,763	100%
Median Annual Income (full-time) (\$)	96,500		71,127	
Average Annual Income (full-time) (\$)	123,556		78,771	
*Where data provided				







NOC Skill Type of Main Job (NOC 2021):	14	14.0901 SYSTEM		STEM
Legislative and senior management	0	0%	59	1%
Business, finance & administration	0	0%	982	21%
Natural & applied sciences & related	17	85%	966	21%
Health	0	0%	527	11%
Education, law and social, community & government	3	15%	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	20	100%	4,703	100%

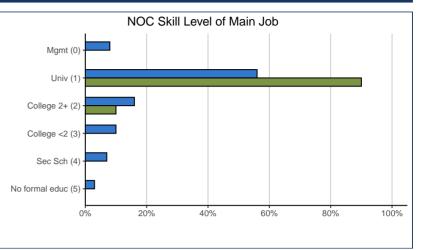


Detailed Summary of Survey Results All Institutions 14.0901: Computer engineering, general

SYSTEM	
14.0901	

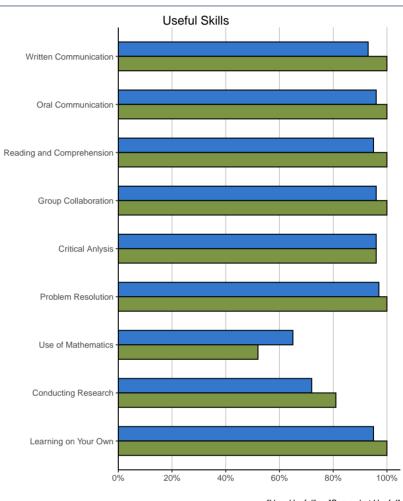
EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	14.	14.0901		TEM
0. Management	0	0 0%		8%
1. University education	18 90%		2,648	56%
2. College education/trade apprenticeship (2+ years)	2	2 10%		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	20	100%	4,703	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	67%	33%	0%	0%	21
Oral Communication	90%	10%	0%	0%	21
Reading and Comprehension	71%	29%	0%	0%	21
Group Collaboration	86%	14%	0%	0%	21
Critical Anlysis	86%	10%	5%	0%	21
Problem Resolution	71%	29%	0%	0%	21
Use of Mathematics	19%	33%	38%	10%	21
Conducting Research	33%	48%	14%	5%	21
Learning on Your Own	76%	24%	0%	0%	21

	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



"Very Useful" or "Somewhat Useful"

Top 10 Full-Tin	ne Occupations of 14.0901	Graduates*:	14.0901
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21231	1	Software engineers and designers	48%
21232	1	Software developers and programmers	24%
*			
*			
*			
*			
*			
*			
*			

* Data not displayed where n < 5; NOC 2021 ** Percentages cited are of those employed

Top 10 Full-Tin	me Occupations of SYSTE	M 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	Х	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 display	ed where $n < 5$: NOC 2021		

* Data not displayed where n < 5; NOC 2021 ** Percentages cited are of those employed

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

SYSTEM	
14.0901	

60%

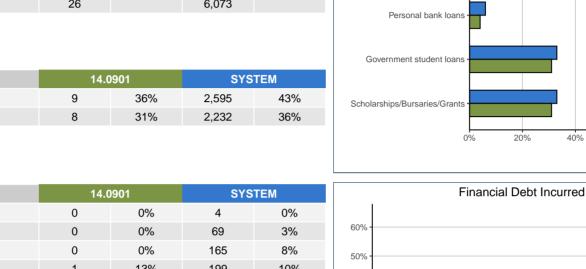
80%

100%

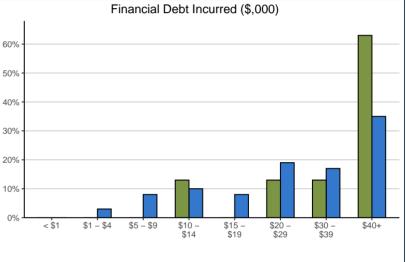
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.0901		ТЕМ
Personal savings, investments	7	7 27%		32%
Employment while studying	6	23%	3,012	50%
Family/Friends	20	77%	3,627	60%
Personal bank loans	1	4%	337	6%
Government student loans	8	31%	2,007	33%
Scholarships/Bursaries/Grants	8	31%	1,988	33%
Other	14	54%	1,362	22%
Total	26		6,073	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	14.	0901	SYS	ТЕМ
Incurred any form of financial debt	9	9 36%		43%
Incurred government-sponsored student loan debt	8	31%	2,232	36%
* Percentage of respondents who provided data				







Education Funding Sources

Personal savings, investments

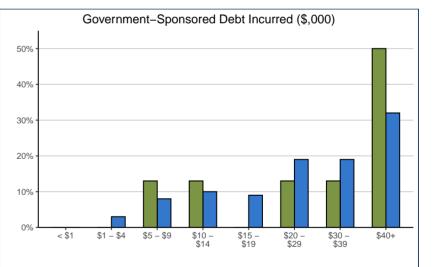
Employment while studying

Family/Friends

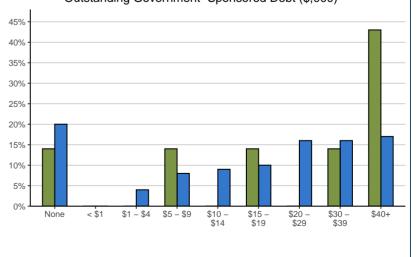
Gov't-Sponsored Student Loan Debt Amount:*	14.	14.0901 SYSTEM		TEM
< \$1,000	0	0%	5	0%
\$1,000 to \$4,999	0	0%	48	3%
\$5,000 to \$9,999	1	13%	121	8%
\$10,000 to \$14,999	1	13%	155	10%
\$15,000 to \$19,999	0	0%	133	9%
\$20,000 to \$29,999	1	13%	299	19%
\$30,000 to \$39,999	1	13%	296	19%
\$40,000 or More	4	50%	500	32%
Total	8	100%	1,557	100%
Median Gov't-Sponsored Loan Debt (\$)	35,000		30,000	

Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	14.	14.0901		SYSTEM	
None – Loan repaid in full	1	14%	361	20%	
< \$1,000	0	0%	3	0%	
\$1,000 to \$4,999	0	0%	75	4%	
\$5,000 to \$9,999	1	14%	137	8%	
\$10,000 to \$14,999	0	0%	151	9%	
\$15,000 to \$19,999	1	14%	174	10%	
\$20,000 to \$29,999	0	0%	291	16%	
\$30,000 to \$39,999	1	14%	279	16%	
\$40,000 or More	3	43%	303	17%	
Total	7	100%	1,774	100%	
Median Gov't-Sponsored Loan Debt Outstanding** (\$)	35,000		25,000		



Outstanding Government-Sponsored Debt (\$,000)



* 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