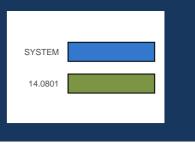
B.C. Baccalaureate Outcomes

2023 Survey of 2021 Baccalaureate Graduates

☑ BC Student ☑ Outcomes

Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general



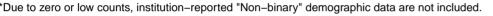
		F	RESPONSE	RATE				
Survey Response Rate:	14.0	0801	SYS	ТЕМ		Res	ponse Rate	
Baccalaureate Graduates Survey Cohort	256	100%	25,962	100%	SYSTEM -			
Survey Respondents and Response Rate	87	34%	8,603	33%	STSTEM			
					14.0801 -			
					0%	10%	20%	30%

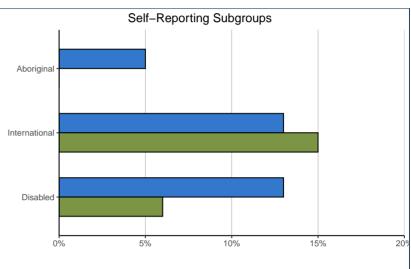
DEMOGRAPHIC INFORMATION

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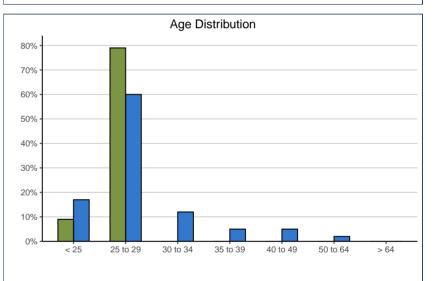
Self-Reporting Subgroups:	14.	0801	SYSTEM	
Disabled	5	6%	1,079	13%
International	13	15%	1,153	13%
Aboriginal	~	~	330	5%

14.0801		SYSTEM	
64	74%	3,534	41%
23	26%	5,051	59%
87	100%	8,585	100%
	64 23	6474%2326%	6474%3,5342326%5,051

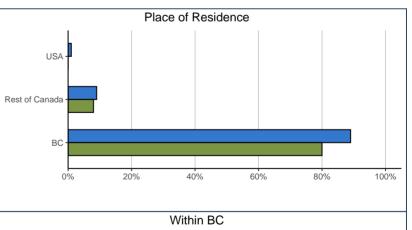




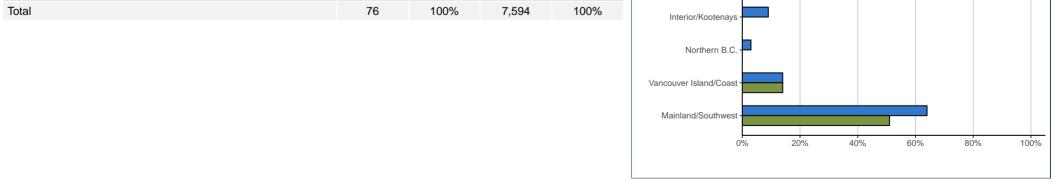
Age (at time of survey):	14.0801 SY		SYS	STEM	
< 25	8	9%	1,417	17%	
25 to 29	69	79%	5,150	60%	
30 to 34	~	~	994	12%	
35 to 39	~	~	417	5%	
40 to 49	~	~	407	5%	
50 to 64	0	0%	175	2%	
> 64	0	0%	26	0%	
Total	87	100%	8,586	100%	
Median Age	26		26		
Average (mean) Age	27		28		



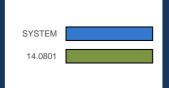
Place of Residence (at time of survey):	14.	0801	SYSTEM	
BC – Mainland/Southwest	39	51%	4,824	64%
BC – Vancouver Island/Coast	11	14%	1,065	14%
BC – Northern B.C.	~	~	225	3%
BC – Interior/Kootenays	~	~	673	9%
BC Subtotal	61	80%	6,787	89%
Canada – Alberta	6	8%	328	4%
Canada – Ontario	~	~	239	3%
Canada – Other	~	~	165	2%
U.S.A.	~	~	75	1%
Non-BC Subtotal	15	20%	807	11%



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Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general

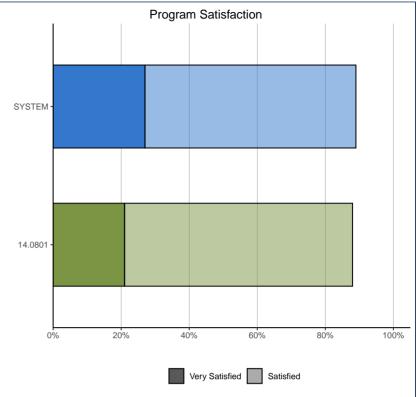


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.0	14.0801 SYST		ТЕМ
Very Satisfied	18	21%	2,262	27%
Satisfied	58	67%	5,296	62%
Dissatisfied	11	13%	740	9%
Very Dissatisfied	0	0%	184	2%
Total	87	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0801		SYSTEM	
Very Useful	22	30%	2,704	39%
Somewhat Useful	38	52%	3,247	46%
Not Very Useful	13	18%	814	12%
Not at All Useful	0	0%	250	4%
Total	73	100%	7,015	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0801		SYSTEM	
Yes	6	7%	818	10%
No	77	93%	7,545	90%



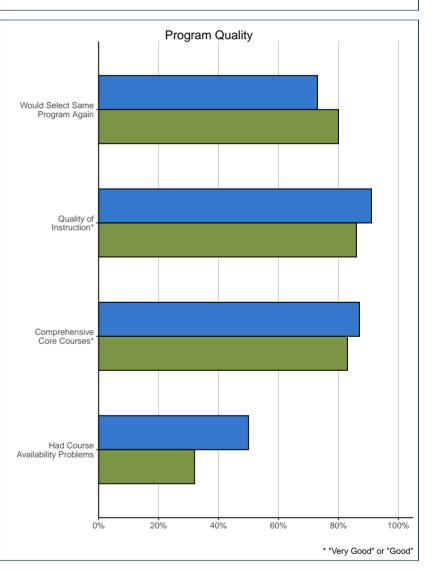
Would select the same program again:	14.0801 SYS		STEM	
Yes	59	80%	5,501	73%
No	15	20%	2,019	27%

Quality of Instruction:	14.0801 SYS		ТЕМ	
Very Good	13	15%	2,328	27%
Good	62	71%	5,423	64%
Poor	12	14%	649	8%
Very Poor	0	0%	131	2%
Total	87	100%	8,531	100%

Comprehensiveness of Core Courses:	14.0801		SYS	ТЕМ
Very Good	19	22%	2,206	26%
Good	53	61%	5,161	61%
Poor	15	17%	862	10%
Very Poor	0	0%	171	2%
Total	87	100%	8,400	100%

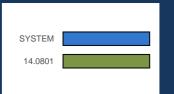
Course Availability:	14.0801		SYSTEM	
Encountered course availability problems	27	32%	4,193	50%

Financial Constraints:	14.0801		SYSTEM	
Had to interrupt studies for financial reasons	3	4%	926	11%
Had to take program part-time for financial reasons	6	7%	1,545	18%



Note: \sim indicates low cell count; data suppressed

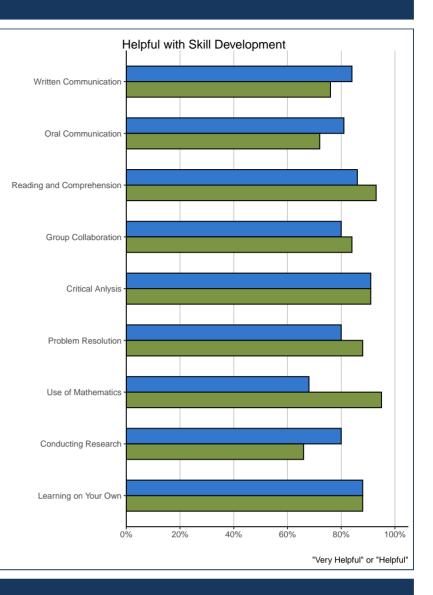
Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general

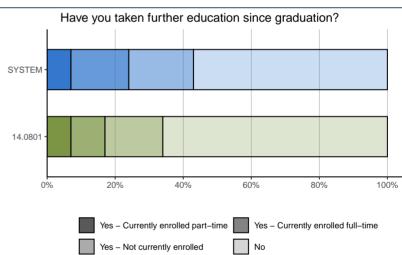


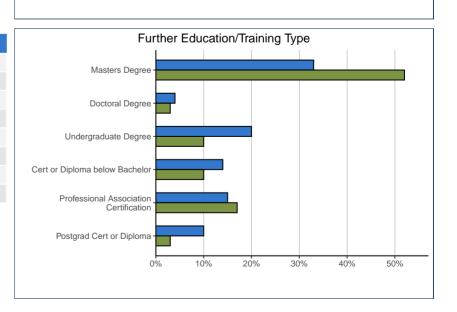
SKILL DEVELOPMENT

			14.0801		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	51%	22%	2%	83
Oral Communication	14%	58%	27%	1%	86
Reading and Comprehension	28%	65%	6%	1%	85
Group Collaboration	29%	55%	14%	2%	86
Critical Anlysis	42%	49%	9%	0%	86
Problem Resolution	28%	60%	12%	0%	85
Use of Mathematics	50%	45%	5%	0%	86
Conducting Research	23%	43%	25%	9%	81
Learning on Your Own	42%	46%	12%	0%	85

			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







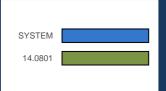
FURTHER EDUCATION

Took further education since 2021 graduation:	14.0	14.0801		ТЕМ
Yes	30	34%	3,668	43%
Not currently enrolled	15	17%	1,580	19%
Currently enrolled full-time	9	10%	1,472	17%
Currently enrolled part-time	6	7%	565	7%
No	57	66%	4,870	57%
Total	87	100%	8,538	100%

Type of Formal Post–Secondary Education:	14	14.0801		ТЕМ
Type of Formal Fost-Secondary Education.	14.	0001	515	
Masters Degree	15	52%	1,184	33%
Doctoral Degree	1	3%	153	4%
Another Undergraduate Degree	3	10%	718	20%
Certificate or Diploma below Bachelor level	3	10%	510	14%
Professional Association Certification	5	17%	538	15%
Postgraduate Certificate or Diploma	1	3%	359	10%

r oolgradate oortineate er Dipierna	•	0,0	000	1070
Other	1	3%	162	4%
Total	29	100%	3,624	100%

Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general



EMPLOYMENT

581

7.6%

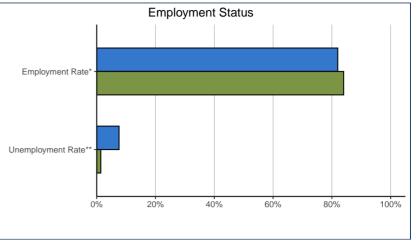
1.4%

Labour Fource Status:	14.	14.0801		ТЕМ
In Labour Force (working or seeking work)	74	86%	7,643	90%
Not in Labour Force	12	14%	803	10%
Total	86	100%	8,446	100%
Employment:	14.	14.0801		ТЕМ
Employment Rate*	73	84%	7,062	82%

Employment Rate*73Unemployment Rate**1

*Percent = Total employed divided by total number of respondents

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



Status of Graduates NOT in Labour Force:	14.0801		SYS	ТЕМ
Attending School FT	8	67%	565	70%
Attending School PT	1	8%	20	2%
Other	3	25%	218	27%
Total NOT in Labour Force	12	100%	803	100%

Primary Employment Type:	14.0801		SYS	ТЕМ
Paid worker	71	97%	6,623	94%
Self-employed	2	3%	412	6%
Total	73	100%	7,035	100%

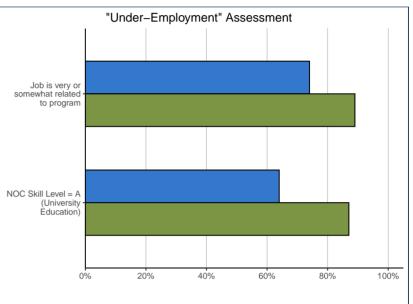
Job Characteristics:	14.	14.0801		ТЕМ
I hold more than one job*	4	5%	1,243	18%
My main job is full-time (>= 30 hours per week)**	71	100%	5,922	89%
*Of total Employed				

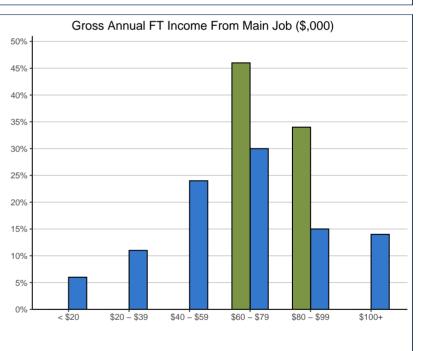


How related is your main job to your program?	14.	14.0801		ТЕМ
Very Related	37	51%	3,081	44%
Somewhat Related	28	38%	2,151	31%
Not Very Related	6	8%	901	13%
Not at All Related	2	3%	910	13%
Total	73	100%	7,043	100%

"Under-employment" Assessment:	14.0801		SYS	ТЕМ
Job is very or somewhat related to program	65	89%	5,232	74%
NOC Skill Level = A (University Education)*	59	87%	4,148	64%
*Of total valid responses				

Gross Annual Income from Main Job:*	14.0801		SYS	ТЕМ
Less than \$20,000	0	0%	310	6%
\$20,000 to \$39,999	~	~	593	11%
\$40,000 to \$59,999	~	~	1,303	24%
\$60,000 to \$79,999	27	46%	1,609	30%
\$80,000 to \$99,999	20	34%	805	15%
\$100,000 and Above	~	~	729	14%
Total	59	100%	5,349	100%
Median Annual Income (full-time) (\$)	79,752		68,000	
Average Annual Income (full-time) (\$)	83,307		74,015	
*Where data provided				

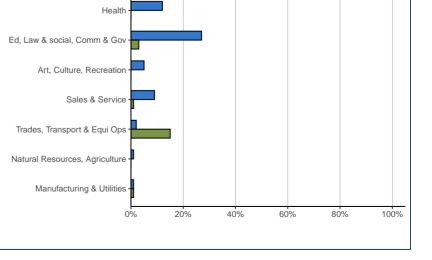




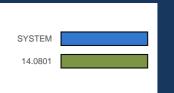


Natural & Applied sciences

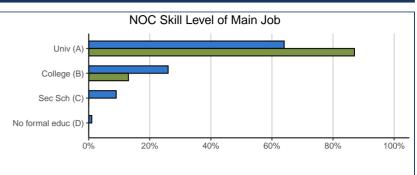
NOC Skill Type of Main Job:	14.	14.0801		ТЕМ
Business, finance & administration	1	1%	1,558	24%
Natural & applied sciences & related	53	78%	1,354	21%
Health	0	0%	761	12%
Education, law and social, community & government	2	3%	1,787	27%
Art, culture, recreation & sport	0	0%	296	5%
Sales & service	1	1%	559	9%
Trades, transport & equipment operators & related	10	15%	114	2%
Natural resources, agriculture & related production	0	0%	35	1%
Manufacturing & utilities	1	1%	35	1%
Total	68	100%	6,499	100%



Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general

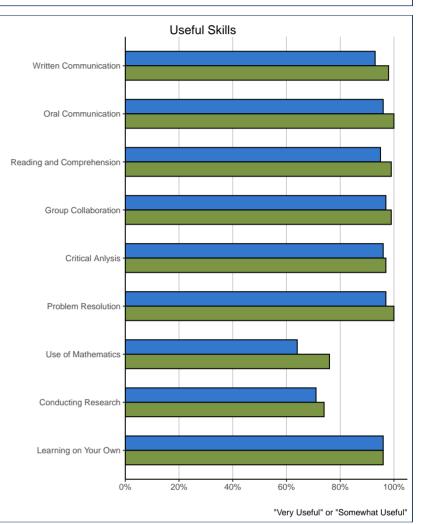


EMPLOYMENT, continued NOC Skill Level of Main Job: 14.0801 SYSTEM A. University education 59 87% 4,148 64% B. College education/trade apprenticeship 9 13% 26% 1,713 C. Secondary school + job-specific training 0 0% 564 9% D. No formal education 90 0 0% 1% Total 100% 68 6,515 100%



			14.0801		
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%	4%	0%	1%	72
Oral Communication	89%	11%	0%	0%	72
Reading and Comprehension	89%	10%	1%	0%	72
Group Collaboration	86%	13%	1%	0%	72
Critical Anlysis	82%	15%	3%	0%	72
Problem Resolution	85%	15%	0%	0%	72
Use of Mathematics	38%	38%	18%	7%	72
Conducting Research	37%	37%	18%	8%	71
Learning on Your Own	71%	25%	3%	1%	72

	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%	4%	2%	7,014
Oral Communication	78%	18%	2%	1%	7,014
Reading and Comprehension	72%	23%	4%	1%	7,014
Group Collaboration	79%	18%	2%	1%	7,016
Critical Anlysis	76%	20%	3%	1%	7,016
Problem Resolution	80%	17%	2%	1%	7,013
Use of Mathematics	27%	37%	22%	14%	6,834
Conducting Research	37%	34%	17%	11%	6,904
Learning on Your Own	70%	26%	3%	2%	6,997



Top 10 Full-ti	me Occupations of 14.0801	Graduates:	14.0801
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2131	A	Civil engineers	60%
0711	A	Construction managers	12%
2231	В	Civil engineering technologists and technicians	7%
*			
*			
*			
*			
*			
*			
*			

* Data not displayed where n < 5

** Percentages cited are of those employed

•	•		
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	6%
XXXX	0	Unclassified occupations	5%
2173	A	Software engineers and designers	3%
1111	A	Financial auditors and accountants	3%
4032	A	Elementary school and kindergarten teachers	3%
4212	В	Social and community service workers	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
2174	A	Computer programmers and interactive media developers	3%
1221	В	Administrative officers	2%
4031	A	Secondary school teachers	2%
*			

* Data not displayed where n < 5

** Percentages cited are of those employed

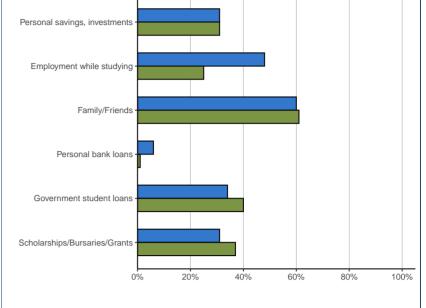
Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general



EDUCATION FINANCING

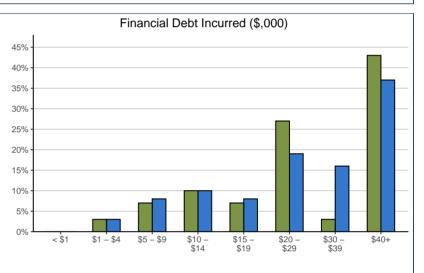
Funding Sources (3 sources allowed):*	14.0801		SYS	ТЕМ
Personal savings, investments	26	31%	2,643	31%
Employment while studying	21	25%	4,042	48%
Family/Friends	51	61%	5,041	60%
Personal bank loans	1	1%	535	6%
Government student loans	33	40%	2,834	34%
Scholarships/Bursaries/Grants	31	37%	2,631	31%
Other	40	48%	1,990	24%
Total	83		8,391	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	14.	14.0801		ТЕМ
Incurred any form of financial debt	39	46%	3,736	44%
Incurred government-sponsored student loan debt	38	45%	3,105	37%
* Percentage of respondents who provided data				



Education Funding Sources

Financial Debt Amount:* 14.0801 SYSTEM < \$1,000 0 0% 4 0% \$1,000 to \$4,999 3% 85 3% 1 219 \$5,000 to \$9,999 2 7% 8% \$10,000 to \$14,999 3 10% 298 10% \$15,000 to \$19,999 2 7% 233 8% \$20,000 to \$29,999 8 27% 545 19% \$30,000 to \$39,999 1 3% 455 16% \$40,000 or More 13 43% 1,064 37% 30 100% Total 2,903 100% Median Financial Debt (\$) 28,000 30,000

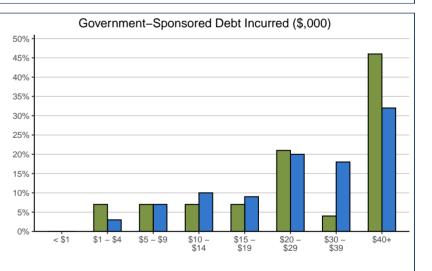


* Includes only cases where financial debt was incurred

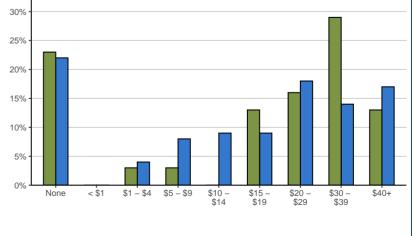
Gov't-Sponsored Student Loan Debt Amount:*	14.(14.0801 SYSTEM		TEM
< \$1,000	0	0%	6	0%
\$1,000 to \$4,999	2	7%	66	3%
\$5,000 to \$9,999	2	7%	156	7%
\$10,000 to \$14,999	2	7%	219	10%
\$15,000 to \$19,999	2	7%	189	9%
\$20,000 to \$29,999	6	21%	424	20%
\$30,000 to \$39,999	1	4%	394	18%
\$40,000 or More	13	46%	687	32%
Total	28	100%	2,141	100%
Median Gov't–Sponsored Loan Debt (\$)	31,500		30,000	

* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	14.0801 SYSTEM		ТЕМ	
None – Loan repaid in full	7	23%	524	22%
< \$1,000	0	0%	9	0%
\$1,000 to \$4,999	1	3%	103	4%
\$5,000 to \$9,999	1	3%	189	8%
\$10,000 to \$14,999	0	0%	213	9%
\$15,000 to \$19,999	4	13%	208	9%
\$20,000 to \$29,999	5	16%	447	18%
\$30,000 to \$39,999	9	29%	330	14%
\$40,000 or More	4	13%	406	17%
Total	31	100%	2,429	100%
Median Gov't-Sponsored Loan Debt Outstanding** (\$)	30,000		24,000	



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