

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

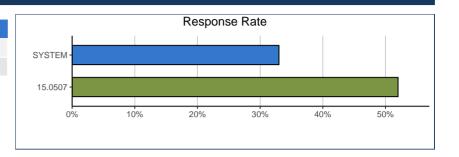
SYSTEM 15.0507

Detailed Summary of Survey Results
All Institutions

15.0507: Environmental engineering technology/environmental technology

#### RESPONSE RATE

Survey Response Rate:	15.0507		SYSTEM	
Baccalaureate Graduates Survey Cohort	29	100%	25,962	100%
Survey Respondents and Response Rate	15	52%	8,603	33%

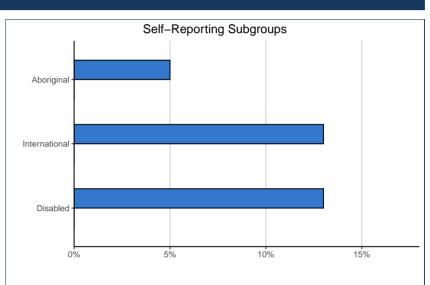


#### DEMOGRAPHIC INFORMATION

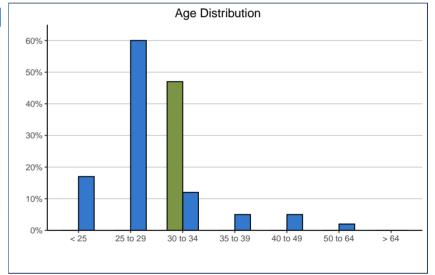
Self-Reporting Subgroups:	15.0507		SYSTEM	
Disabled	~ ~		1,079	13%
International	0	0%	1,153	13%
Aboriginal	0	0%	330	5%

Gender:*	15.0507		SYSTEM	
Male	8	53%	3,534	41%
Female	7	47%	5,051	59%
Total	15	100%	8,585	100%

<sup>\*</sup>Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

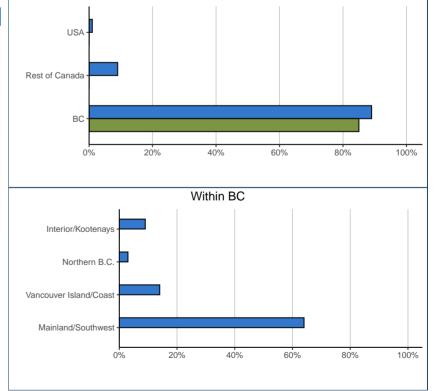


Age (at time of survey):	15.0507		SYSTEM	
< 25	~	~	1,417	17%
25 to 29	~	~	5,150	60%
30 to 34	7	47%	994	12%
35 to 39	~	~	417	5%
40 to 49	0	0%	407	5%
50 to 64	0	0%	175	2%
> 64	0	0%	26	0%
Total	15	100%	8,586	100%
Median Age	34		26	
Average (mean) Age	33		28	



Place of Residence

Place of Residence (at time of survey):	15	15.0507		SYSTEM	
BC – Mainland/Southwest	~	~ ~		64%	
BC - Vancouver Island/Coast	0	0%	1,065	14%	
BC – Northern B.C.	0	0%	225	3%	
BC – Interior/Kootenays	~	~	673	9%	
BC Subtotal	11	85%	6,787	89%	
Canada – Alberta	~	~	328	4%	
Canada – Ontario	0	0%	239	3%	
Canada – Other	0	0%	165	2%	
U.S.A.	0	0%	75	1%	
Non-BC Subtotal	~	~	807	11%	
Total	~	~	7,594	100%	





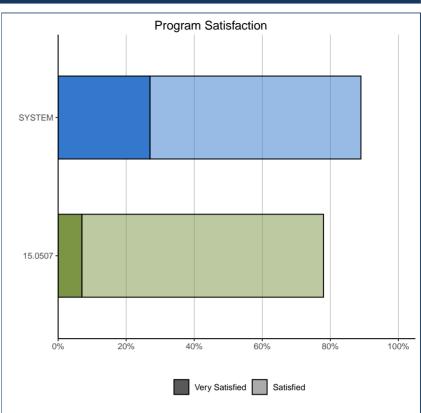


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	15.0507		SYSTEM	
Very Satisfied	1	7%	2,262	27%
Satisfied	10	71%	5,296	62%
Dissatisfied	0	0%	740	9%
Very Dissatisfied	3	21%	184	2%
Total	14	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.	15.0507		SYSTEM	
Very Useful	5	33%	2,704	39%	
Somewhat Useful	9	60%	3,247	46%	
Not Very Useful	0	0%	814	12%	
Not at All Useful	1	7%	250	4%	
Total	15	100%	7,015	100%	

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.	15.0507		SYSTEM		
Yes	0	0%	818	10%		
No	15	100%	7,545	90%		



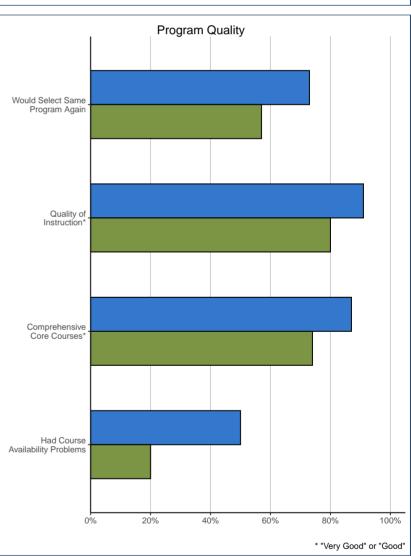
Would select the same program again:	15.0507		SYSTEM	
Yes	8	57%	5,501	73%
No	6	43%	2,019	27%

Quality of Instruction:	15.0507		SYSTEM	
Very Good	1	7%	2,328	27%
Good	11	73%	5,423	64%
Poor	1	7%	649	8%
Very Poor	2	13%	131	2%
Total	15	100%	8.531	100%

Comprehensiveness of Core Courses:	15.	15.0507		SYSTEM	
Very Good	4	27%	2,206	26%	
Good	7	47%	5,161	61%	
Poor	3	20%	862	10%	
Very Poor	1	7%	171	2%	
Total	15	100%	8.400	100%	

Course Availability:	15.0507		SYSTEM	
Encountered course availability problems	3	20%	4,193	50%

Financial Constraints:	15.0507		SYS	TEM
Had to interrupt studies for financial reasons	2	13%	926	11%
Had to take program part-time for financial reasons	3	20%	1,545	18%



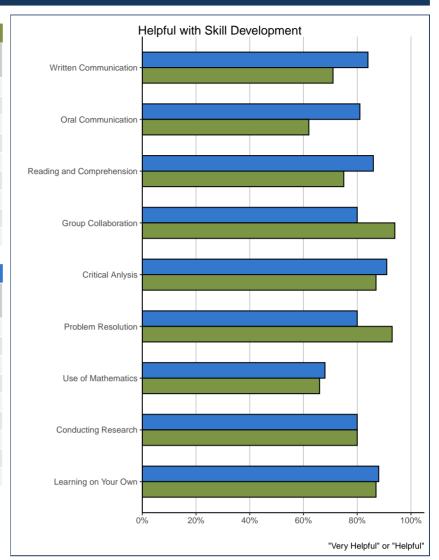


SYSTEM 15.0507

#### SKILL DEVELOPMENT

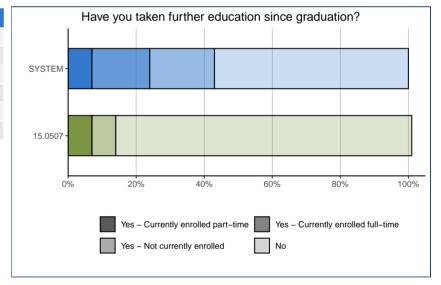
			15.0507		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	21%	50%	14%	14%	14
Oral Communication	8%	54%	38%	0%	13
Reading and Comprehension	33%	42%	25%	0%	12
Group Collaboration	47%	47%	7%	0%	15
Critical Anlysis	20%	67%	13%	0%	15
Problem Resolution	43%	50%	7%	0%	14
Use of Mathematics	13%	53%	27%	7%	15
Conducting Research	33%	47%	7%	13%	15
Learning on Your Own	27%	60%	7%	7%	15

			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

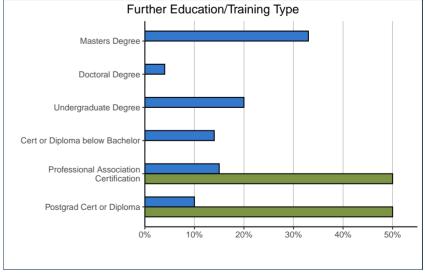


#### **FURTHER EDUCATION**

Took further education since 2021 graduation:	15.0507		SYS	TEM
Yes	2	13%	3,668	43%
Not currently enrolled	1	7%	1,580	19%
Currently enrolled full-time	0	0%	1,472	17%
Currently enrolled part-time	1	7%	565	7%
No	13	87%	4,870	57%
Total	15	100%	8,538	100%



Type of Formal Post–Secondary Education:	15.	15.0507		TEM
Masters Degree	0	0%	1,184	33%
Doctoral Degree	0	0%	153	4%
Another Undergraduate Degree	0	0%	718	20%
Certificate or Diploma below Bachelor level	0	0%	510	14%
Professional Association Certification	1	50%	538	15%
Postgraduate Certificate or Diploma	1	50%	359	10%
Other	0	0%	162	4%
Total	2	100%	3,624	100%





### Detailed Summary of Survey Results All Institutions

7.6%

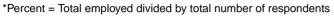
15.0507: Environmental engineering technology/environmental technology

#### **EMPLOYMENT**

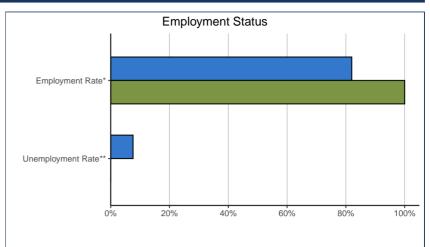
581

0.0%

Labour Fource Status:	15.0507		SYS	TEM
In Labour Force (working or seeking work)	15	100%	7,643	90%
Not in Labour Force	0	0%	803	10%
Total	15	100%	8,446	100%
Employment:	15.0507		SYS	TEM
Employment Rate*	15	100%	7,062	82%



<sup>\*\*</sup>Percent = Total unemployed divided by total number in Labour Force



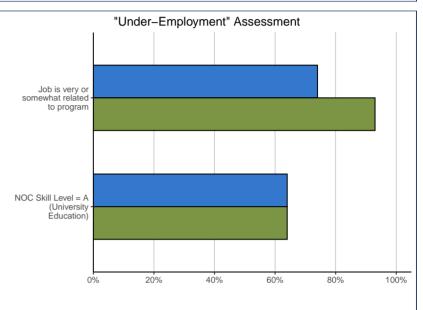
Status of Graduates NOT in Labour Force:	15.0507		SYSTEM	
Attending School FT	0	0%	565	70%
Attending School PT	0	0%	20	2%
Other	0	0%	218	27%
Total NOT in Labour Force	0	0%	803	100%

Primary Employment Type:	15.0507		SYS	TEM
Paid worker	13	87%	6,623	94%
Self-employed	2	13%	412	6%
Total	15	100%	7,035	100%

Job Characteristics:	15.0	15.0507		TEM
I hold more than one job*	0	0%	1,243	18%
My main job is full-time (>= 30 hours per week)**	14	93%	5,922	89%

<sup>\*</sup>Of total Employed

Unemployment Rate\*\*



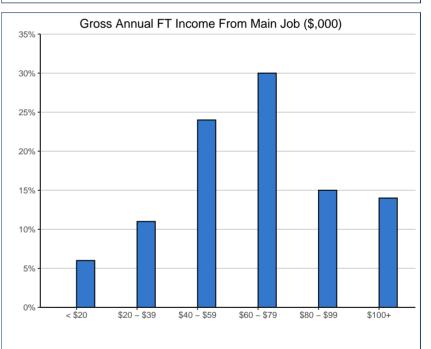
How related is your main job to your program?	15.0507		SYS	TEM
Very Related	6	40%	3,081	44%
Somewhat Related	8	53%	2,151	31%
Not Very Related	0	0%	901	13%
Not at All Related	1	7%	910	13%
Total	15	100%	7,043	100%

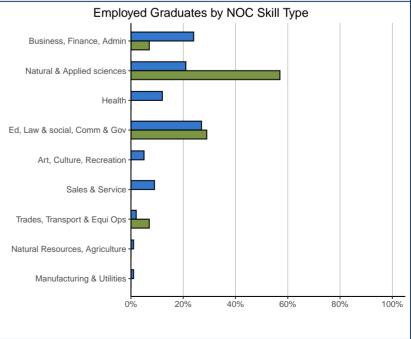
"Under-employment" Assessment:	15.0507		SYSTEM	
Job is very or somewhat related to program	14	93%	5,232	74%
NOC Skill Level = A (University Education)*	9	64%	4,148	64%

<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	15.0507		SYSTEM	
Less than \$20,000	0	0%	310	6%
\$20,000 to \$39,999	0	0%	593	11%
\$40,000 to \$59,999	~	~	1,303	24%
\$60,000 to \$79,999	~	~	1,609	30%
\$80,000 to \$99,999	~	~	805	15%
\$100,000 and Above	~	~	729	14%
Total	11	100%	5,349	100%
Median Annual Income (full-time) (\$)	75,000		68,000	
Average Annual Income (full-time) (\$)	84,588		74,015	
*Where data provided				

NOC Skill Type of Main Job:	15	15.0507		SYSTEM	
Business, finance & administration	1	7%	1,558	24%	
Natural & applied sciences & related		57%	1,354	21%	
Health	0	0%	761	12%	
Education, law and social, community & government	4	29%	1,787	27%	
Art, culture, recreation & sport	0	0%	296	5%	
Sales & service	0	0%	559	9%	
Trades, transport & equipment operators & related	1	7%	114	2%	
Natural resources, agriculture & related production	0	0%	35	1%	
Manufacturing & utilities	0	0%	35	1%	
Total	14	100%	6,499	100%	



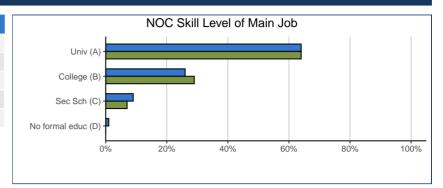


<sup>\*\*</sup>Of those who provided data on hours/week worked

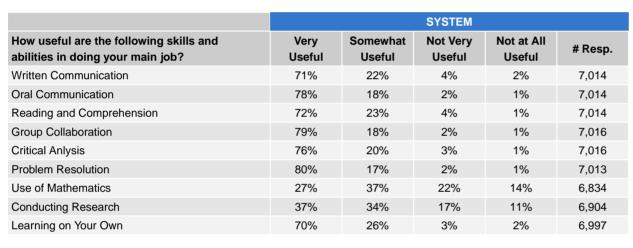


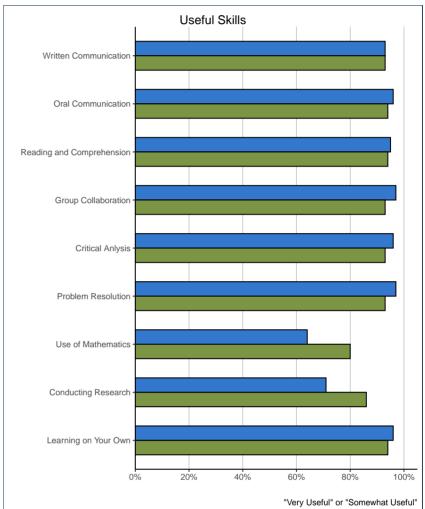
#### EMPLOYMENT, continued

NOC Skill Level of Main Job:	15.0507		SYSTEM	
A. University education		64%	4,148	64%
B. College education/trade apprenticeship	4	29%	1,713	26%
C. Secondary school + job-specific training	1	7%	564	9%
D. No formal education	0	0%	90	1%
Total	14	100%	6,515	100%



	15.0507				
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	80%	13%	0%	7%	15
Oral Communication	67%	27%	0%	7%	15
Reading and Comprehension	67%	27%	0%	7%	15
Group Collaboration	93%	0%	0%	7%	15
Critical Anlysis	73%	20%	0%	7%	15
Problem Resolution	80%	13%	0%	7%	15
Use of Mathematics	33%	47%	7%	13%	15
Conducting Research	53%	33%	7%	7%	15
Learning on Your Own	67%	27%	0%	7%	15





Top 10 Full-time O	ccupations of 15.0507 G	raduates:	15.0507
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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 $<sup>^{\</sup>star}$  Data not displayed where n < 5

<sup>\*\*</sup> 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	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	Α	Secondary school teachers	2%

 $<sup>^{\</sup>star}$  Data not displayed where n < 5

<sup>\*\*</sup> Percentages cited are of those employed



SYSTEM 15.0507

#### EDUCATION FINANCING

Funding Sources (3 sources allowed):*	15.0507		SYSTEM	
Personal savings, investments	8	53%	2,643	31%
Employment while studying	6	40%	4,042	48%
Family/Friends	9	60%	5,041	60%
Personal bank loans	0	0%	535	6%
Government student loans	4	27%	2,834	34%
Scholarships/Bursaries/Grants	1	7%	2,631	31%
Other	2	13%	1,990	24%
Total	15		8,391	

<sup>\*</sup> Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	15.0507		SYSTEM	
Incurred any form of financial debt	6	40%	3,736	44%
Incurred government-sponsored student loan debt	5	33%	3,105	37%

<sup>\*</sup> Percentage of respondents who provided data



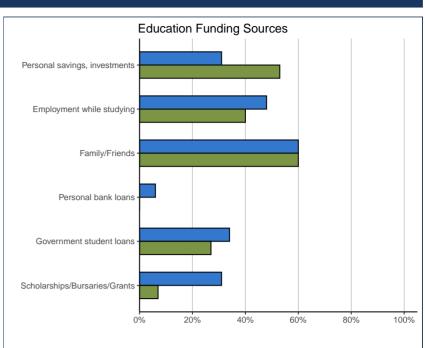
<sup>\*</sup> Includes only cases where financial debt was incurred

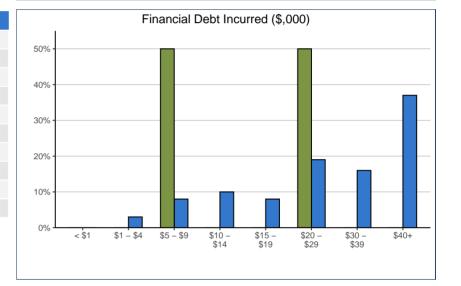


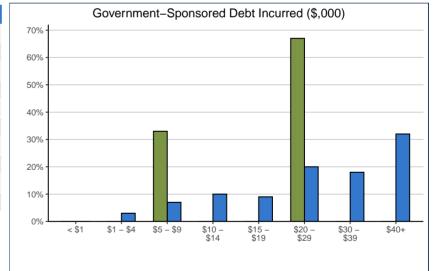
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

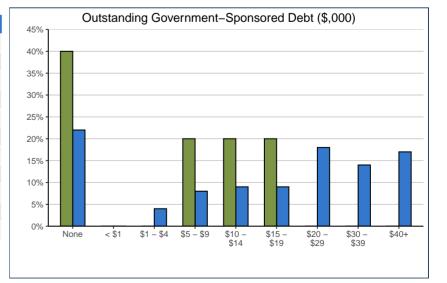


<sup>\*</sup> Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









<sup>\*\*</sup> Median amounts shown are based on those who had remaining government student loan debt