

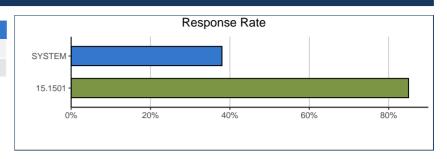
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

SYSTEM 15.1501

Detailed Summary of Survey Results
All Institutions
15.1501: Engineering/industrial management

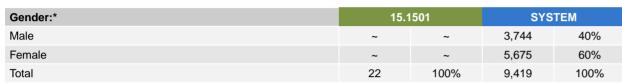
RESPONSE RATE

Survey Response Rate:	15.1501		SYSTEM	
Baccalaureate Graduates Survey Cohort	26	100%	24,752	100%
Survey Respondents and Response Rate	22	85%	9,423	38%

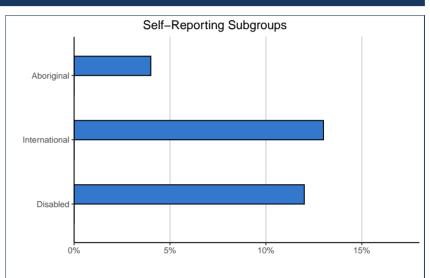


DEMOGRAPHIC INFORMATION

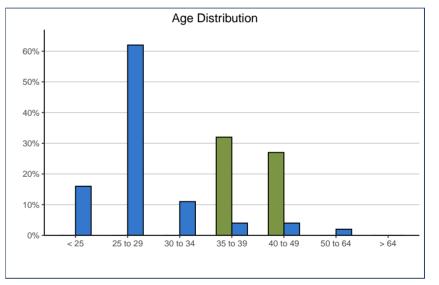
Self-Reporting Subgroups:	15.1501		SYS	TEM
Disabled	0	0%	1,082	12%
International	0	0%	1,205	13%
Aboriginal	0	0%	357	4%



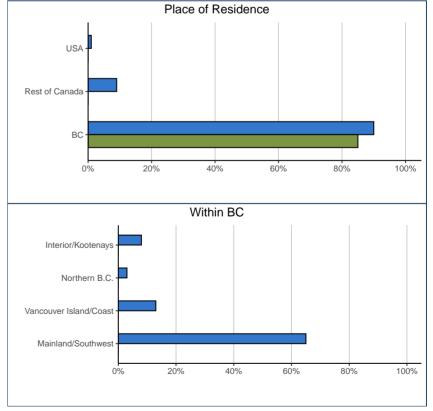
^{*}Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



Age (at time of survey):	15.1501		SYSTEM	
< 25	0	0%	1,496	16%
25 to 29	~	~	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	7	32%	421	4%
40 to 49	6	27%	397	4%
50 to 64	~	~	186	2%
> 64	0	0%	22	0%
Total	22	100%	9,417	100%
Median Age	38		26	
Average (mean) Age	40		28	



Place of Residence (at time of survey):	15.1501		SYSTEM	
BC – Mainland/Southwest	~	~	5,472	65%
BC - Vancouver Island/Coast	~	~	1,112	13%
BC – Northern B.C.	0	0%	270	3%
BC – Interior/Kootenays	0	0%	672	8%
BC Subtotal	17	85%	7,526	90%
Canada – Alberta	0	0%	343	4%
Canada – Ontario	~	~	280	3%
Canada – Other	0	0%	176	2%
U.S.A.	0	0%	80	1%
Non-BC Subtotal	~	~	879	10%
Total	20	100%	8,405	100%





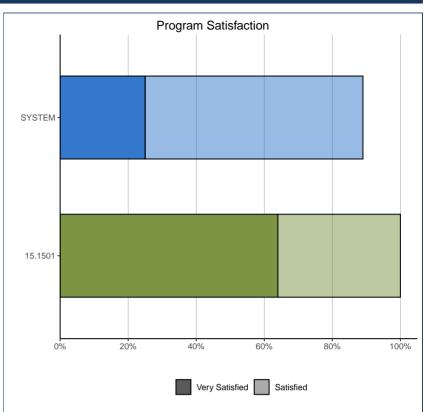


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.1501		SYS	TEM
Very Satisfied	14	64%	2,332	25%
Satisfied	8	36%	5,914	64%
Dissatisfied	0	0%	831	9%
Very Dissatisfied	0	0%	188	2%
Total	22	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.	15.1501		SYSTEM	
Very Useful	11	50%	3,011	38%	
Somewhat Useful	10	45%	3,664	47%	
Not Very Useful	1	5%	886	11%	
Not at All Useful	0	0%	283	4%	
Total	22	100%	7,844	100%	

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.	1501	SYSTEM	
Yes	1	5%	902	10%
No	21	95%	8,298	90%



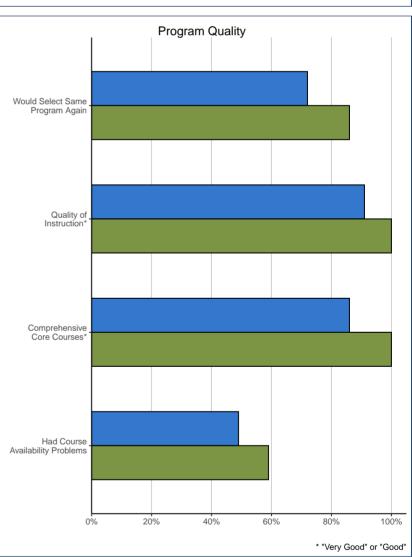
Would select the same program again:	15.1501		SYSTEM	
Yes	18	86%	5,963	72%
No	3	14%	2,334	28%

Quality of Instruction:	15.1	1501	SYS	TEM
Very Good	13	59%	2,498	27%
Good	9	41%	6,007	64%
Poor	0	0%	685	7%
Very Poor	0	0%	131	1%
Total	22	100%	9.321	100%

Comprehensiveness of Core Courses:	15.1501		SYSTEM	
Very Good	11	50%	2,303	25%
Good	11	50%	5,649	61%
Poor	0	0%	1,073	12%
Very Poor	0	0%	172	2%
Total	22	100%	9,197	100%

Course Availability:	15.1501		SYSTEM	
Encountered course availability problems	13	59%	4,485	49%

Financial Constraints:	15.1501		SYSTEM	
Had to interrupt studies for financial reasons	4	19%	987	11%
Had to take program part-time for financial reasons	8	36%	1,629	18%



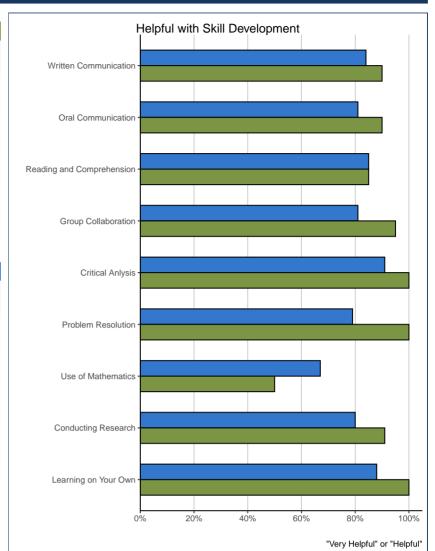




SKILL DEVELOPMENT

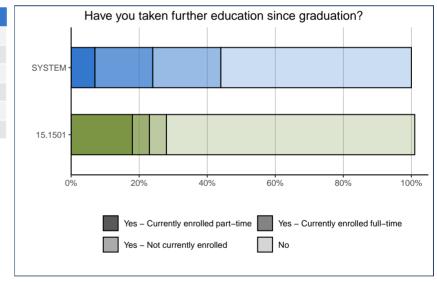
			15.1501		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	65%	10%	0%	20
Oral Communication	35%	55%	10%	0%	20
Reading and Comprehension	25%	60%	15%	0%	20
Group Collaboration	52%	43%	5%	0%	21
Critical Anlysis	43%	57%	0%	0%	21
Problem Resolution	50%	50%	0%	0%	20
Use of Mathematics	0%	50%	40%	10%	10
Conducting Research	32%	59%	9%	0%	22
Learning on Your Own	43%	57%	0%	0%	21

			SYSTEM		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	57%	14%	3%	9,025
Oral Communication	24%	57%	17%	3%	9,114
Reading and Comprehension	28%	57%	13%	2%	9,119
Group Collaboration	28%	53%	17%	3%	9,187
Critical Anlysis	41%	50%	8%	2%	9,297
Problem Resolution	23%	56%	17%	3%	9,057
Use of Mathematics	20%	47%	25%	9%	7,165
Conducting Research	30%	50%	17%	4%	8,871
Learning on Your Own	38%	50%	10%	2%	9,189

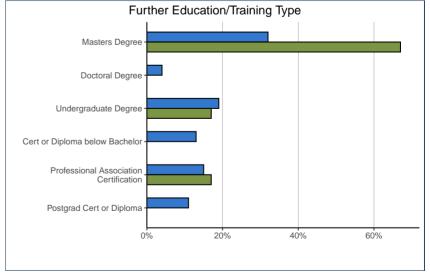


FURTHER EDUCATION

Took further education since 2020 graduation:	15.1501		SYSTEM	
Yes	6	27%	4,119	44%
Not currently enrolled	1	5%	1,831	20%
Currently enrolled full-time	1	5%	1,602	17%
Currently enrolled part-time	4	18%	637	7%
No	16	73%	5,244	56%
Total	22	100%	9,363	100%



Type of Formal Post–Secondary Education:	15.	15.1501		TEM
Masters Degree	4	67%	1,307	32%
Doctoral Degree	0	0%	167	4%
Another Undergraduate Degree	1	17%	789	19%
Certificate or Diploma below Bachelor level	0	0%	527	13%
Professional Association Certification	1	17%	603	15%
Postgraduate Certificate or Diploma	0	0%	431	11%
Other	0	0%	236	6%
Total	6	100%	4,060	100%





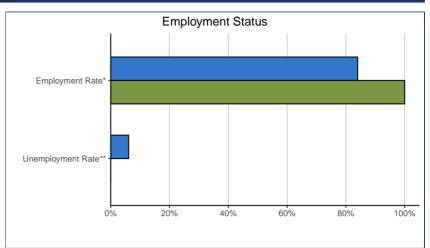


EMPLOYMENT

Labour Fource Status:	15.	15.1501		TEM
In Labour Force (working or seeking work)	22	100%	8,412	91%
Not in Labour Force	0	0%	857	9%
Total	22	100%	9,269	100%
Employment:	15.	15.1501		TEM
Employment Rate*	22	100%	7,900	84%



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

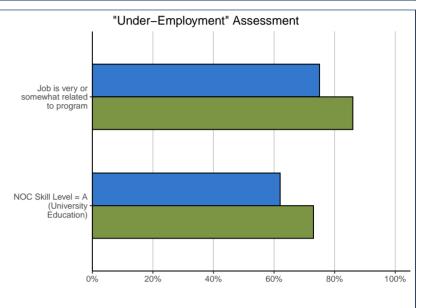


Status of Graduates NOT in Labour Force:	15.1501		SYSTEM	
Attending School FT	0	0%	597	70%
Attending School PT	0	0%	23	3%
Other	0	0%	237	28%
Total NOT in Labour Force	0	0%	857	100%

Primary Employment Type:	15.1501		SYSTEM	
Paid worker	21	95%	7,394	94%
Self-employed	1	5%	493	6%
Total	22	100%	7,887	100%

Job Characteristics:	15.1501		SYSTEM	
I hold more than one job*	3	14%	1,463	19%
My main job is full-time (>= 30 hours per week)**	22	100%	6,655	89%

^{*}Of total Employed

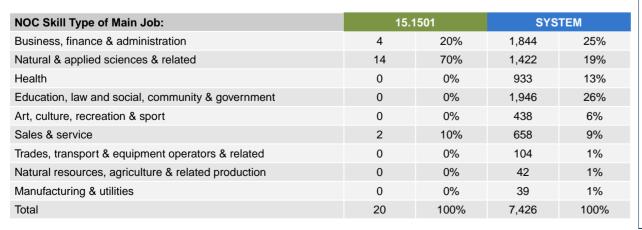


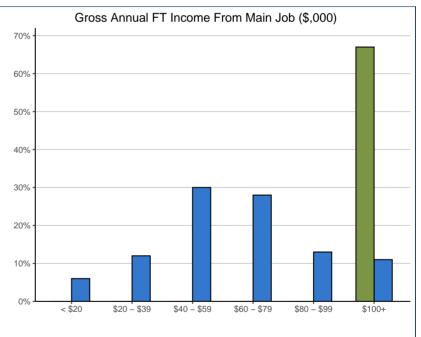
How related is your main job to your program?	15.1501		SYSTEM	
Very Related	7	32%	3,386	43%
Somewhat Related	12	55%	2,530	32%
Not Very Related	2	9%	1,013	13%
Not at All Related	1	5%	954	12%
Total	22	100%	7,883	100%

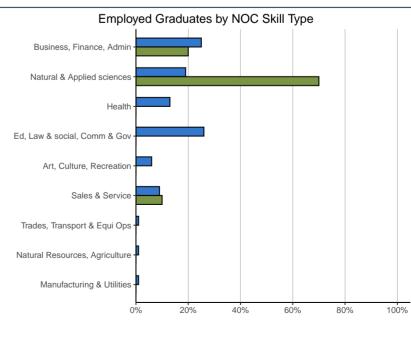
"Under-employment" Assessment:	15.1501		SYSTEM	
Job is very or somewhat related to program	19	86%	5,916	75%
NOC Skill Level = A (University Education)*	16	73%	4,631	62%

^{*}Of total valid responses

Gross Annual Income from Main Job:*	15.1501		SYSTEM	
Less than \$20,000	0	0%	328	6%
\$20,000 to \$39,999	0	0%	725	12%
\$40,000 to \$59,999	0	0%	1,773	30%
\$60,000 to \$79,999	~	~	1,673	28%
\$80,000 to \$99,999	~	~	799	13%
\$100,000 and Above	12	67%	659	11%
Total	18	100%	5,957	100%
Median Annual Income (full-time) (\$)	110,078		63,000	
Average Annual Income (full-time) (\$)	118,183		70,455	
*Where data provided				







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

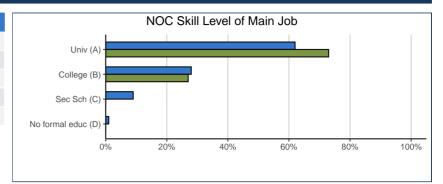
^{**}Of those who provided data on hours/week worked



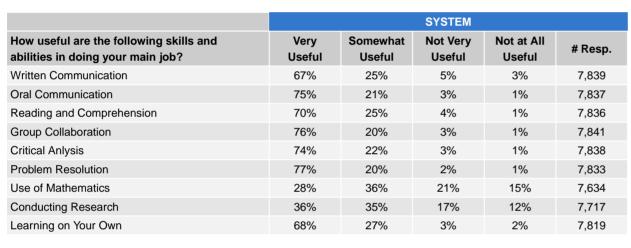


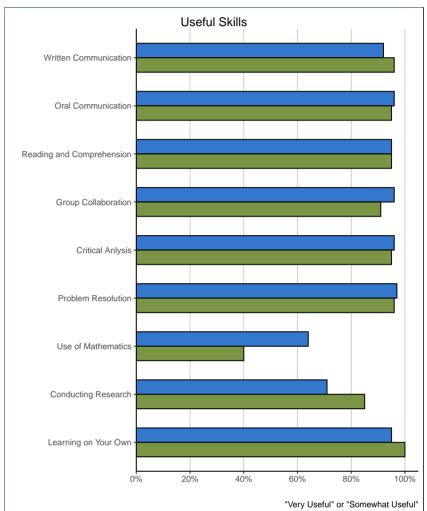
EMPLOYMENT, continued

NOC Skill Level of Main Job:	15.1501		SYSTEM	
A. University education	16	73%	4,631	62%
B. College education/trade apprenticeship	6	27%	2,082	28%
C. Secondary school + job-specific training	0	0%	647	9%
D. No formal education	0	0%	86	1%
Total	22	100%	7,446	100%



	15.1501				
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	82%	14%	5%	0%	22
Oral Communication	77%	18%	5%	0%	22
Reading and Comprehension	77%	18%	5%	0%	22
Group Collaboration	77%	14%	9%	0%	22
Critical Anlysis	86%	9%	5%	0%	22
Problem Resolution	91%	5%	5%	0%	22
Use of Mathematics	20%	20%	45%	15%	20
Conducting Research	33%	52%	14%	0%	21
Learning on Your Own	76%	24%	0%	0%	21





Top 10 Full-time Occupations of 15.1501 Graduates:		15.1501	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
0213	Α	Computer and information systems managers	23%
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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	A	Registered nurses and registered psychiatric nurses	6%
1111	A	Financial auditors and accountants	4%
XXXX	0	Unclassified occupations	3%
2173	A	Software engineers and designers	3%
4032	A	Elementary school and kindergarten teachers	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
4212	В	Social and community service workers	3%
2174	A	Computer programmers and interactive media developers	2%
4031	A	Secondary school teachers	2%
1221	В	Administrative officers	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	15.	15.1501		TEM
Personal savings, investments	13	59%	2,849	31%
Employment while studying	12	55%	4,716	51%
Family/Friends	2	9%	5,423	59%
Personal bank loans	4	18%	600	7%
Government student loans	1	5%	3,008	33%
Scholarships/Bursaries/Grants	0	0%	2,803	31%
Other	11	50%	1,997	22%
Total	22		9,180	

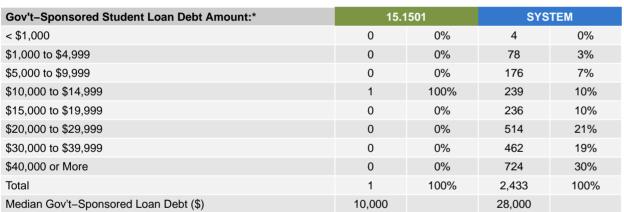
^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	15.1501		SYSTEM	
Incurred any form of financial debt	8	36%	4,031	44%
Incurred government-sponsored student loan debt	1	5%	3,331	36%

^{*} Percentage of respondents who provided data



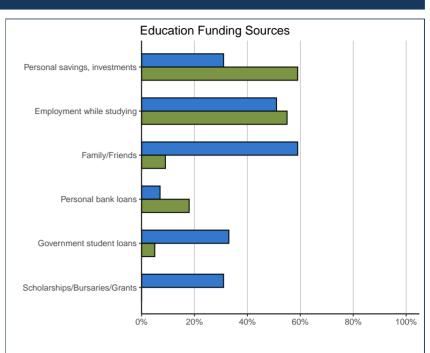
^{*} Includes only cases where financial debt was incurred

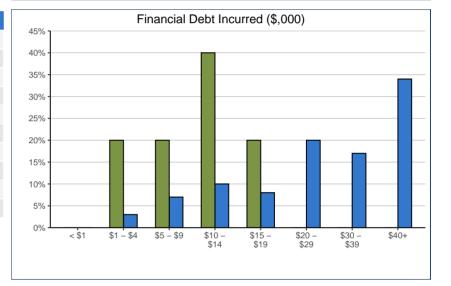


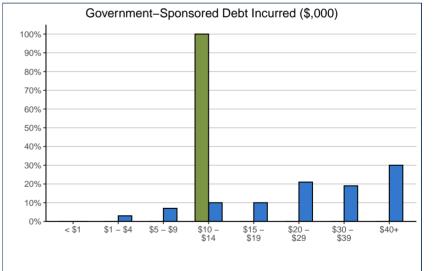
^{*} Includes only cases where government-sponsored debt was incurred

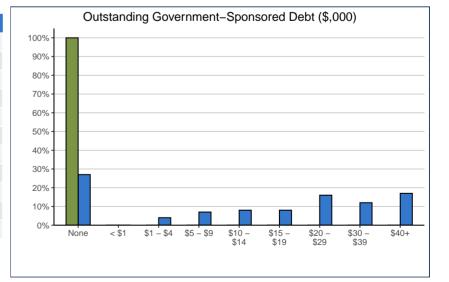


^{*} Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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