

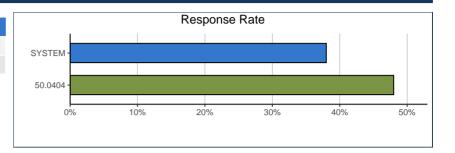
### B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Results 50.0404

Detailed Summary of Survey Results
All Institutions
50.0404: Industrial and product design

#### RESPONSE RATE

Survey Response Rate:	50.0404		SYSTEM	
Baccalaureate Graduates Survey Cohort	52	100%	24,752	100%
Survey Respondents and Response Rate	25	48%	9,423	38%

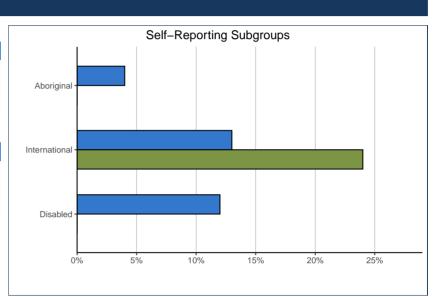


#### DEMOGRAPHIC INFORMATION

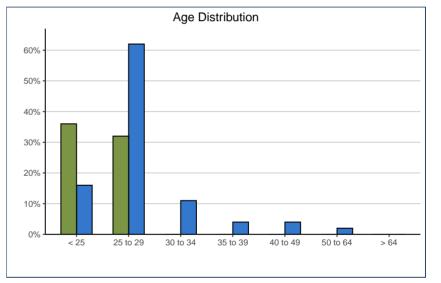
Self-Reporting Subgroups:	50.0404		SYSTEM	
Disabled	~	~	1,082	12%
International	6	24%	1,205	13%
Aboriginal	~	~	357	4%

Gender:*	50.0404		SYSTEM	
Male	11	44%	3,744	40%
Female	14	56%	5,675	60%
Total	25	100%	9,419	100%

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

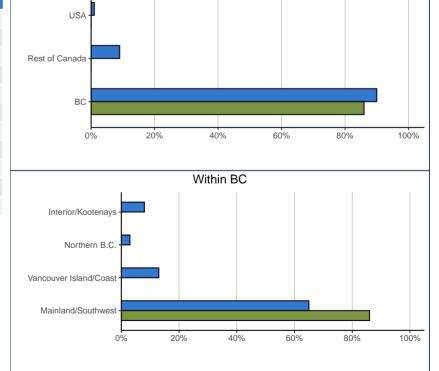


Age (at time of survey):	50.0404		SYSTEM	
< 25	9	36%	1,496	16%
25 to 29	8	32%	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	~	~	421	4%
40 to 49	0	0%	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	25	100%	9,417	100%
Median Age	27		26	
Average (mean) Age	28		28	



Place of Residence

Place of Residence (at time of survey):	50.0404		SYSTEM	
BC - Mainland/Southwest	19	86%	5,472	65%
BC - Vancouver Island/Coast	0	0%	1,112	13%
BC – Northern B.C.	0	0%	270	3%
BC – Interior/Kootenays	0	0%	672	8%
BC Subtotal	19	86%	7,526	90%
Canada – Alberta	0	0%	343	4%
Canada - Ontario	0	0%	280	3%
Canada - Other	~	~	176	2%
U.S.A.	~	~	80	1%
Non-BC Subtotal	~	~	879	10%
Total	22	100%	8,405	100%



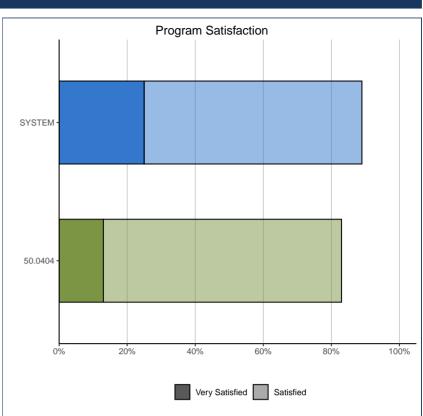


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	50.0404		SYSTEM	
Very Satisfied	3	13%	2,332	25%
Satisfied	16	70%	5,914	64%
Dissatisfied	2	9%	831	9%
Very Dissatisfied	2	9%	188	2%
Total	23	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	50.0404		SYSTEM	
Very Useful	8	44%	3,011	38%
Somewhat Useful	7	39%	3,664	47%
Not Very Useful	2	11%	886	11%
Not at All Useful	1	6%	283	4%
Total	18	100%	7,844	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	50.	50.0404		SYSTEM		
Yes	2	8%	902	10%		
No	22	92%	8,298	90%		



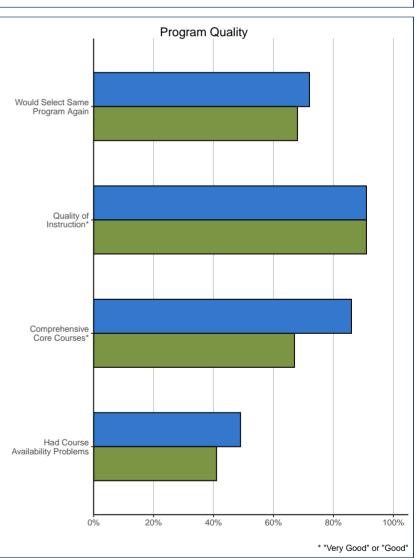
Would select the same program again:	50.0404		SYSTEM	
Yes	15	68%	5,963	72%
No	7	32%	2,334	28%

Quality of Instruction:	50.0404		SYSTEM	
Very Good	6	26%	2,498	27%
Good	15	65%	6,007	64%
Poor	1	4%	685	7%
Very Poor	1	4%	131	1%
Total	23	100%	9,321	100%

Comprehensiveness of Core Courses:	50.0404		SYSTEM	
Very Good	4	17%	2,303	25%
Good	12	50%	5,649	61%
Poor	6	25%	1,073	12%
Very Poor	2	8%	172	2%
Total	24	100%	9,197	100%

Course Availability:	50.0404		SYSTEM	
Encountered course availability problems	9	41%	4,485	49%

Financial Constraints:	50.0404		SYS	TEM
Had to interrupt studies for financial reasons	0	0%	987	11%
Had to take program part-time for financial reasons	4	17%	1,629	18%

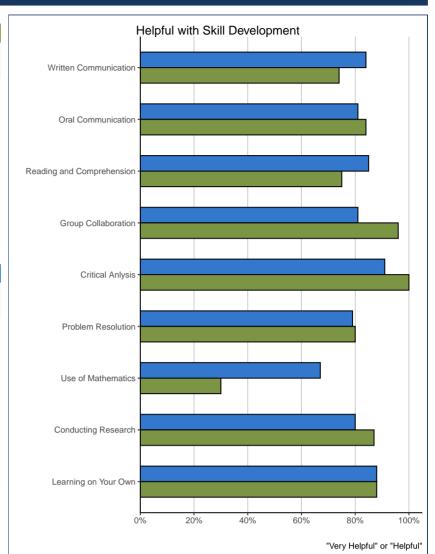




#### SKILL DEVELOPMENT

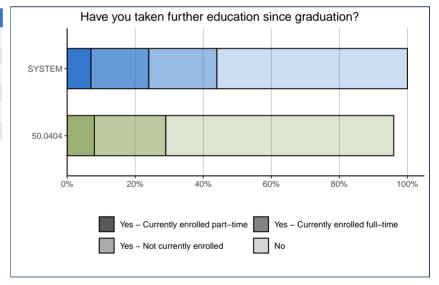
			50.0404		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	26%	48%	17%	9%	23
Oral Communication	32%	52%	16%	0%	25
Reading and Comprehension	17%	58%	25%	0%	24
Group Collaboration	44%	52%	4%	0%	25
Critical Anlysis	50%	50%	0%	0%	24
Problem Resolution	38%	42%	21%	0%	24
Use of Mathematics	6%	24%	53%	18%	17
Conducting Research	33%	54%	13%	0%	24
Learning on Your Own	42%	46%	13%	0%	24

	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

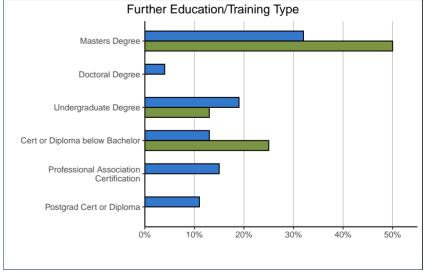


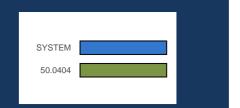
#### **FURTHER EDUCATION**

Took further education since 2020 graduation:	50.0404		SYSTEM	
Yes	8	33%	4,119	44%
Not currently enrolled	5	21%	1,831	20%
Currently enrolled full-time	2	8%	1,602	17%
Currently enrolled part-time	0	0%	637	7%
No	16	67%	5,244	56%
Total	24	100%	9,363	100%



Type of Formal Post–Secondary Education:	50	50.0404		TEM
Masters Degree	4	50%	1,307	32%
Doctoral Degree	0	0%	167	4%
Another Undergraduate Degree	1	13%	789	19%
Certificate or Diploma below Bachelor level	2	25%	527	13%
Professional Association Certification	0	0%	603	15%
Postgraduate Certificate or Diploma	0	0%	431	11%
Other	1	13%	236	6%
Total	8	100%	4,060	100%



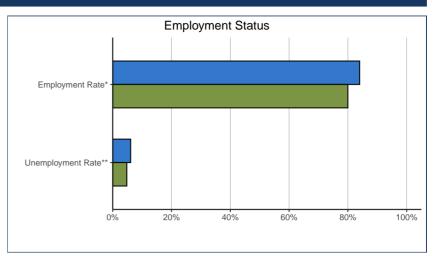


#### **EMPLOYMENT**

Labour Fource Status:	50.0404		SYS	TEM
In Labour Force (working or seeking work)	21	88%	8,412	91%
Not in Labour Force	3	13%	857	9%
Total	24	100%	9,269	100%

Employment:	50.0404		SYS	TEM
Employment Rate*	20	80%	7,900	84%
Unemployment Rate**	1	4.8%	512	6.1%

<sup>\*</sup>Percent = Total employed divided by total number of respondents

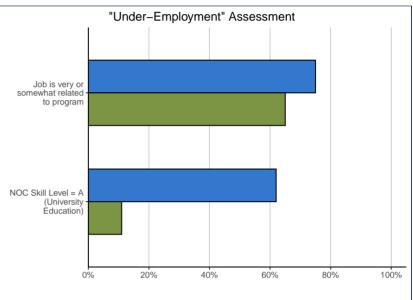


Status of Graduates NOT in Labour Force:	50.0404		SYSTEM	
Attending School FT	1	33%	597	70%
Attending School PT	0	0%	23	3%
Other	2	67%	237	28%
Total NOT in Labour Force	3	100%	857	100%

Primary Employment Type:	50.0404		SYS	TEM
Paid worker	17	85%	7,394	94%
Self-employed	3	15%	493	6%
Total	20	100%	7,887	100%

Job Characteristics:	50.0404		SYS	TEM
I hold more than one job*	5	25%	1,463	19%
My main job is full-time (>= 30 hours per week)**	18	95%	6,655	89%

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



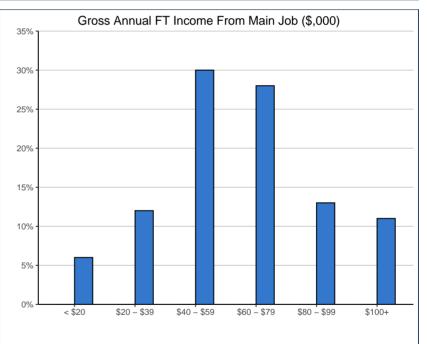
How related is your main job to your program?	50.0404		SYSTEM	
Very Related	6	30%	3,386	43%
Somewhat Related	7	35%	2,530	32%
Not Very Related	3	15%	1,013	13%
Not at All Related	4	20%	954	12%
Total	20	100%	7,883	100%

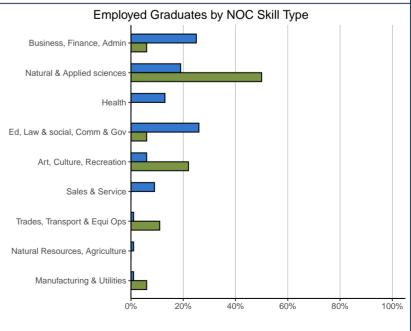
"Under-employment" Assessment:	50.0404		SYSTEM	
Job is very or somewhat related to program	13	65%	5,916	75%
NOC Skill Level = A (University Education)*	2	11%	4,631	62%

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

Gross Annual Income from Main Job:*	50.0404		SYSTEM	
Less than \$20,000	0	0%	328	6%
\$20,000 to \$39,999	~	~	725	12%
\$40,000 to \$59,999	~	~	1,773	30%
\$60,000 to \$79,999	~	~	1,673	28%
\$80,000 to \$99,999	~	~	799	13%
\$100,000 and Above	~	~	659	11%
Total	12	100%	5,957	100%
Median Annual Income (full-time) (\$)	72,000		63,000	
Average Annual Income (full-time) (\$)	76,366		70,455	
*Where data provided				

NOC Skill Type of Main Job:		50.0404		TEM
Business, finance & administration	1	1 6%		25%
Natural & applied sciences & related		50%	1,422	19%
Health	0	0%	933	13%
Education, law and social, community & government	1	6%	1,946	26%
Art, culture, recreation & sport	4	22%	438	6%
Sales & service	0	0%	658	9%
Trades, transport & equipment operators & related	2	11%	104	1%
Natural resources, agriculture & related production		0%	42	1%
Manufacturing & utilities	1	6%	39	1%
Total	18	100%	7,426	100%

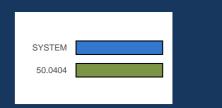




<sup>\*\*</sup>Percent = Total unemployed divided by total number in Labour Force

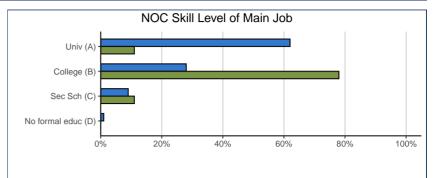
<sup>\*\*</sup>Of those who provided data on hours/week worked





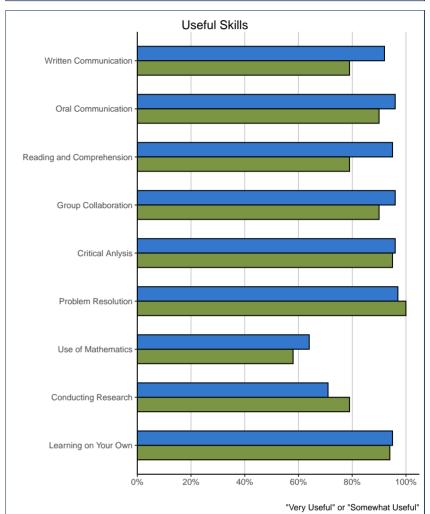
#### EMPLOYMENT, continued

NOC Skill Level of Main Job:	50.0	)404	SYSTEM	
A. University education	2 11%		4,631	62%
B. College education/trade apprenticeship	14	78%	2,082	28%
C. Secondary school + job-specific training	2	11%	647	9%
D. No formal education	0	0%	86	1%
Total	18	100%	7,446	100%



			50.0404		
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	26%	53%	16%	5%	19
Oral Communication	58%	32%	11%	0%	19
Reading and Comprehension	37%	42%	16%	5%	19
Group Collaboration	58%	32%	11%	0%	19
Critical Anlysis	63%	32%	5%	0%	19
Problem Resolution	74%	26%	0%	0%	19
Use of Mathematics	16%	42%	37%	5%	19
Conducting Research	53%	26%	5%	16%	19
Learning on Your Own	68%	26%	5%	0%	19

	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	67%	25%	5%	3%	7,839
Oral Communication	75%	21%	3%	1%	7,837
Reading and Comprehension	70%	25%	4%	1%	7,836
Group Collaboration	76%	20%	3%	1%	7,841
Critical Anlysis	74%	22%	3%	1%	7,838
Problem Resolution	77%	20%	2%	1%	7,833
Use of Mathematics	28%	36%	21%	15%	7,634
Conducting Research	36%	35%	17%	12%	7,717
Learning on Your Own	68%	27%	3%	2%	7,819



Top 10 Full-tim	e Occupations of 50.0404	Graduates:	50.0404
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2252	В	Industrial designers	40%
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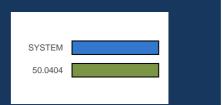
<sup>\*</sup> Data not displayed where n < 5

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

Top 10 Full-tir	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%

<sup>\*</sup> Data not displayed where n < 5

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	50.	50.0404		TEM
Personal savings, investments	4	4 17%		31%
Employment while studying		52%	4,716	51%
Family/Friends	15	65%	5,423	59%
Personal bank loans	2	9%	600	7%
Government student loans	8	35%	3,008	33%
Scholarships/Bursaries/Grants	2	9%	2,803	31%
Other	4	17%	1,997	22%
Total	23		9,180	

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

Financial Debt Incurred to Finance Bac. Ed.:*	50.0	0404	SYS	TEM
Incurred any form of financial debt	12	48%	4,031	44%
Incurred government-sponsored student loan debt	8	32%	3,331	36%

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



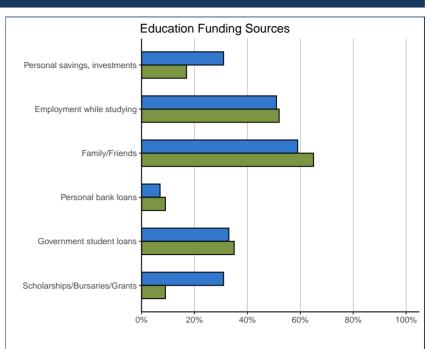
<sup>\*</sup> Includes only cases where financial debt was incurred

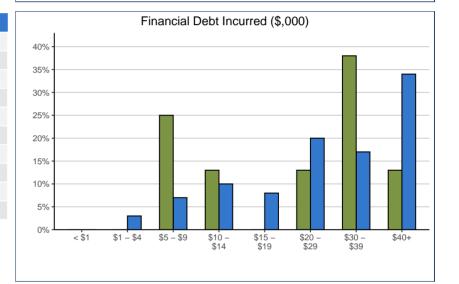


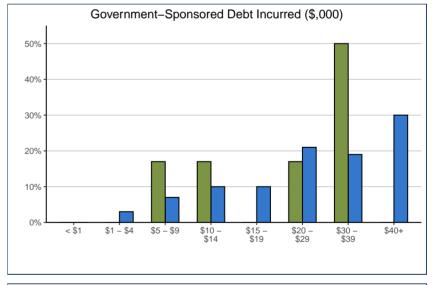
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

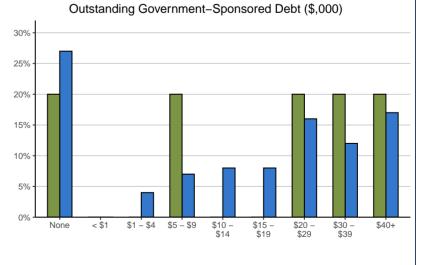


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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