

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

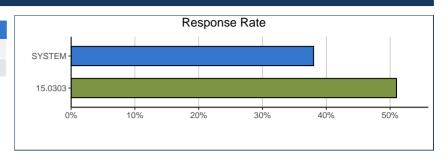
SYSTEM 15.0303

Detailed Summary of Survey Results
All Institutions

15.0303: Electrical, electronic and communications engineering technology/technician

RESPONSE RATE

Survey Response Rate:	15.0	0303	SYSTEM	
Baccalaureate Graduates Survey Cohort	51	100%	24,752	100%
Survey Respondents and Response Rate	26	51%	9,423	38%

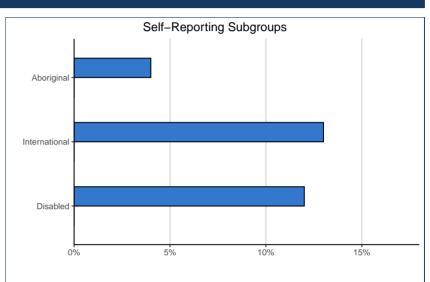


DEMOGRAPHIC INFORMATION

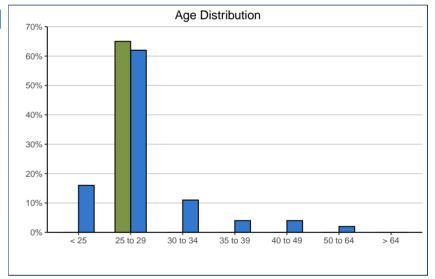
Self-Reporting Subgroups:	15.0303		SYS	TEM
Disabled	~	~	1,082	12%
International	~	~	1,205	13%
Aboriginal	0	0%	357	4%

Gender:*	15.0303		SYSTEM	
Male	~	~	3,744	40%
Female	~	~	5,675	60%
Total	26	100%	9,419	100%

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

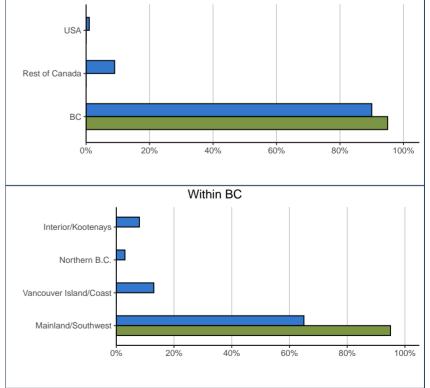


Age (at time of survey):	15.0303		SYSTEM	
< 25	0	0%	1,496	16%
25 to 29	17	65%	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	~	~	421	4%
40 to 49	~	~	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	26	100%	9,417	100%
Median Age	28		26	
Average (mean) Age	29		28	



Place of Residence

Place of Posidones (at time of survey)	15.0303 SYSTEM			
Place of Residence (at time of survey):				
BC – Mainland/Southwest	21	95%	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	21	95%	7,526	90%
Canada – Alberta	~	~	343	4%
Canada – Ontario	0	0%	280	3%
Canada – Other	0	0%	176	2%
U.S.A.	0	0%	80	1%
Non-BC Subtotal	~	~	879	10%
Total	~	~	8,405	100%





15.0303: Electrical, electronic and communications engineering technology/technician

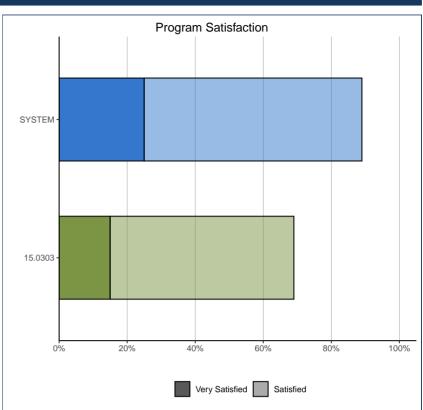


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.0303		SYSTEM	
Very Satisfied	4	15%	2,332	25%
Satisfied	14	54%	5,914	64%
Dissatisfied	7	27%	831	9%
Very Dissatisfied	1	4%	188	2%
Total	26	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.	15.0303		SYSTEM	
Very Useful	7	28%	3,011	38%	
Somewhat Useful	12	48%	3,664	47%	
Not Very Useful	5	20%	886	11%	
Not at All Useful	1	4%	283	4%	
Total	25	100%	7,844	100%	
Took upgrading, access, bridging, or other	45	0000	ovo		

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.0303		SYSTEM		
Yes	4	15%	902	10%	
No	22	85%	8,298	90%	



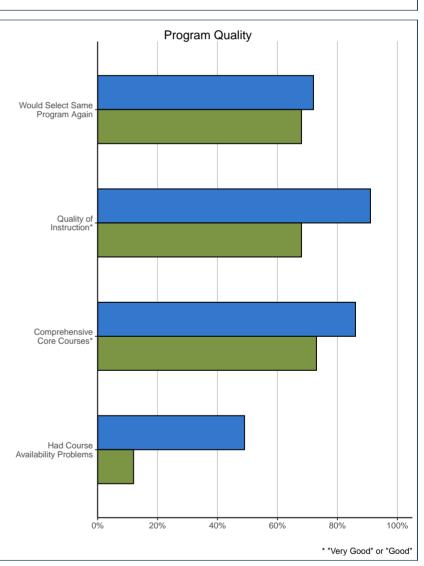
Would select the same program again:	15.0303		SYSTEM	
Yes	15	68%	5,963	72%
No	7	32%	2,334	28%

Quality of Instruction:	15.0	303	SYS	TEM
Very Good	3	12%	2,498	27%
Good	14	56%	6,007	64%
Poor	8	32%	685	7%
Very Poor	0	0%	131	1%
Total	25	100%	9.321	100%

Comprehensiveness of Core Courses:	15.0	0303	SYSTEM	
Very Good	4	15%	2,303	25%
Good	15	58%	5,649	61%
Poor	6	23%	1,073	12%
Very Poor	1	4%	172	2%
Total	26	100%	9,197	100%

Course Availability:	15.0303		SYSTEM	
Encountered course availability problems	3	12%	4,485	49%

Financial Constraints:	15.0303		SYSTEM	
Had to interrupt studies for financial reasons	5	19%	987	11%
Had to take program part–time for financial reasons	8	32%	1,629	18%

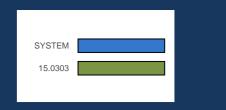




Detailed Summary of Survey Results

All Institutions

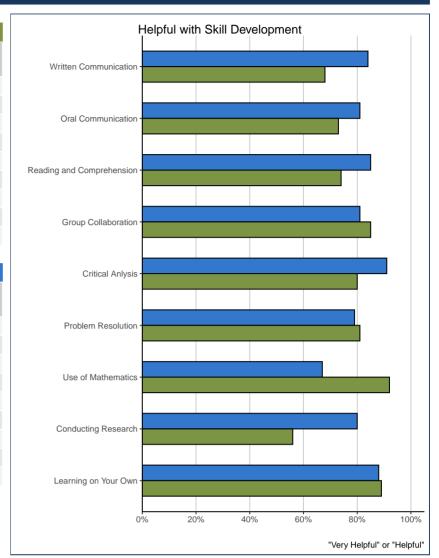
15.0303: Electrical, electronic and communications engineering technology/technician



SKILL DEVELOPMENT

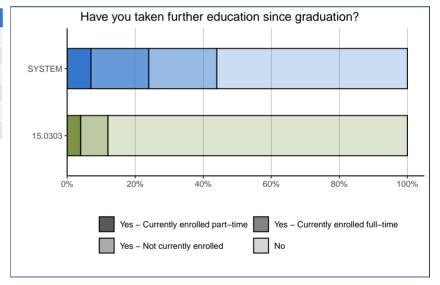
			15.0303		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	16%	52%	24%	8%	25
Oral Communication	15%	58%	19%	8%	26
Reading and Comprehension	12%	62%	19%	8%	26
Group Collaboration	27%	58%	12%	4%	26
Critical Anlysis	42%	38%	19%	0%	26
Problem Resolution	27%	54%	12%	8%	26
Use of Mathematics	38%	54%	4%	4%	26
Conducting Research	20%	36%	32%	12%	25
Learning on Your Own	58%	31%	4%	8%	26

			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

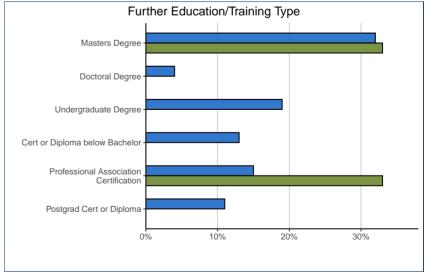


FURTHER EDUCATION

Took further education since 2020 graduation:	15.0303		SYSTEM	
Yes	3	12%	4,119	44%
Not currently enrolled	2	8%	1,831	20%
Currently enrolled full-time	0	0%	1,602	17%
Currently enrolled part-time	1	4%	637	7%
No	23	88%	5,244	56%
Total	26	100%	9,363	100%



Type of Formal Post-Secondary Education:	15.	15.0303		SYSTEM	
Masters Degree	1	33%	1,307	32%	
Doctoral Degree	0	0%	167	4%	
Another Undergraduate Degree	0	0%	789	19%	
Certificate or Diploma below Bachelor level	0	0%	527	13%	
Professional Association Certification	1	33%	603	15%	
Postgraduate Certificate or Diploma	0	0%	431	11%	
Other	1	33%	236	6%	
Total	3	100%	4,060	100%	





15.0303: Electrical, electronic and communications engineering technology/technician

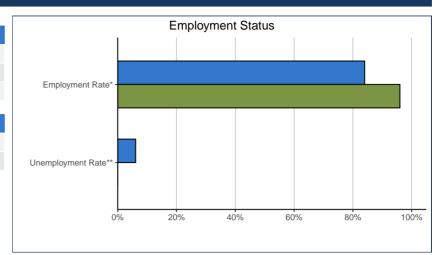


EMPLOYMENT

15.0303		SYSTEM	
25	100%	8,412	91%
0	0%	857	9%
25	100%	9,269	100%
	25 0 25	25 100% 0 0%	25 100% 8,412 0 0% 857 25 100% 9,269



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

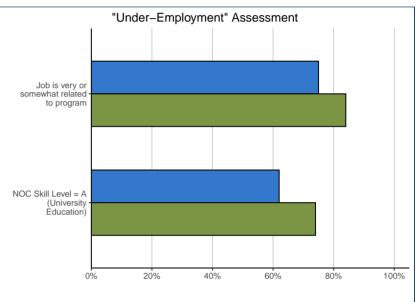


Status of Graduates NOT in Labour Force:	15.0303		SYSTEM	
Attending School FT	0	0%	597	70%
Attending School PT	0	0%	23	3%
Other	0	0%	237	28%
Total NOT in Labour Force	0	0%	857	100%

Primary Employment Type:	15.0303		SYSTEM	
Paid worker	25	100%	7,394	94%
Self-employed	0	0%	493	6%
Total	25	100%	7,887	100%

Job Characteristics:	15.0303		SYSTEM	
I hold more than one job*	2	8%	1,463	19%
My main job is full-time (>= 30 hours per week)**	22	96%	6,655	89%

^{*}Of total Employed



How related is your main job to your program?	15.0303		SYSTEM	
Very Related	7	28%	3,386	43%
Somewhat Related	14	56%	2,530	32%
Not Very Related	4	16%	1,013	13%
Not at All Related	0	0%	954	12%
Total	25	100%	7,883	100%

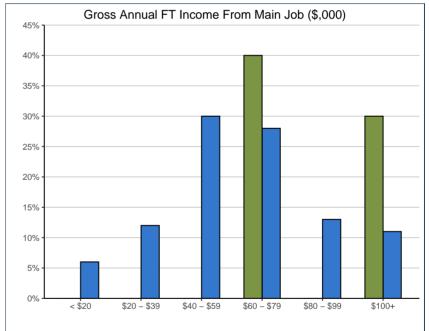
"Under-employment" Assessment:	15.0303		SYSTEM	
Job is very or somewhat related to program	21	84%	5,916	75%
NOC Skill Level = A (University Education)*	17	74%	4,631	62%

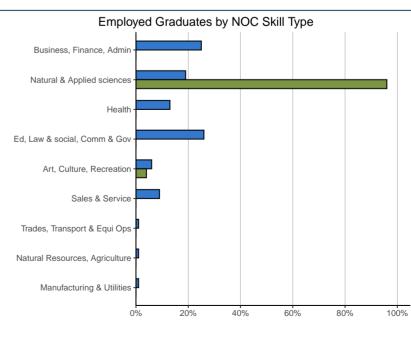
^{*}Of total valid responses

Gross Annual Income from Main Job:*	15.0303		SYSTEM	
Less than \$20,000	0	0%	328	6%
\$20,000 to \$39,999	0	0%	725	12%
\$40,000 to \$59,999	~	~	1,773	30%
\$60,000 to \$79,999	8	40%	1,673	28%
\$80,000 to \$99,999	~	~	799	13%
\$100,000 and Above	6	30%	659	11%
Total	20	100%	5,957	100%
Median Annual Income (full-time) (\$)	85,734		63,000	
Average Annual Income (full-time) (\$)	92,842		70,455	

^{*}Where data provided

NOC Skill Type of Main Job:	15.	15.0303		TEM
Business, finance & administration	0	0%	1,844	25%
Natural & applied sciences & related	22	96%	1,422	19%
Health		0%	933	13%
Education, law and social, community & government	0	0%	1,946	26%
Art, culture, recreation & sport	1	4%	438	6%
Sales & service	0	0%	658	9%
Trades, transport & equipment operators & related	0	0%	104	1%
Natural resources, agriculture & related production	0	0%	42	1%
Manufacturing & utilities	0	0%	39	1%
Total	23	100%	7,426	100%



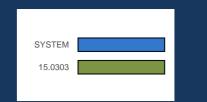


^{**}Percent = Total unemployed divided by total number in Labour Force

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

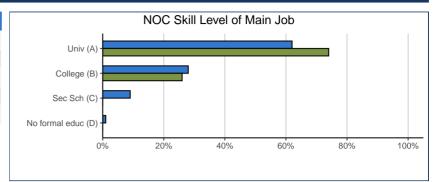


15.0303: Electrical, electronic and communications engineering technology/technician



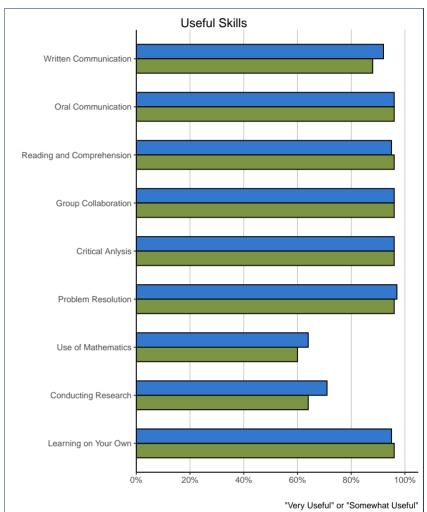
EMPLOYMENT, continued

NOC Skill Level of Main Job:	15.0303		SYSTEM	
A. University education	17	74%	4,631	62%
B. College education/trade apprenticeship	6	26%	2,082	28%
C. Secondary school + job-specific training	0	0%	647	9%
D. No formal education	0	0%	86	1%
Total	23	100%	7,446	100%



	15.0303				
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	72%	16%	8%	4%	25
Oral Communication	80%	16%	0%	4%	25
Reading and Comprehension	76%	20%	0%	4%	25
Group Collaboration	76%	20%	0%	4%	25
Critical Anlysis	72%	24%	0%	4%	25
Problem Resolution	72%	24%	0%	4%	25
Use of Mathematics	36%	24%	20%	20%	25
Conducting Research	36%	28%	24%	12%	25
Learning on Your Own	68%	28%	0%	4%	25

	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-time Occupations of 15.0303 Graduates:			15.0303
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2133	Α	Electrical and electronics engineers	44%
2241	В	Electrical and electronics engineering technologists and technicians	20%
*			
*			
*			
*			
*			
*			
*			
*			

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

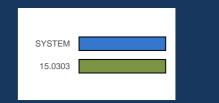
Top 10 Full-time Occupations of SYSTEM Graduates:			SYSTEM
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	6%
1111	A	Financial auditors and accountants	4%
XXXX	0	Unclassified occupations	3%
2173	A	Software engineers and designers	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



15.0303: Electrical, electronic and communications engineering technology/technician



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	15.0303		SYSTEM	
Personal savings, investments 9		36%	2,849	31%
Employment while studying		32%	4,716	51%
Family/Friends		44%	5,423	59%
Personal bank loans	3	12%	600	7%
Government student loans	9	36%	3,008	33%
Scholarships/Bursaries/Grants	6	24%	2,803	31%
Other	13	52%	1,997	22%
Total	25		9,180	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	15.0303		SYSTEM	
Incurred any form of financial debt	15	58%	4,031	44%
Incurred government-sponsored student loan debt	11	42%	3,331	36%

^{*} Percentage of respondents who provided data



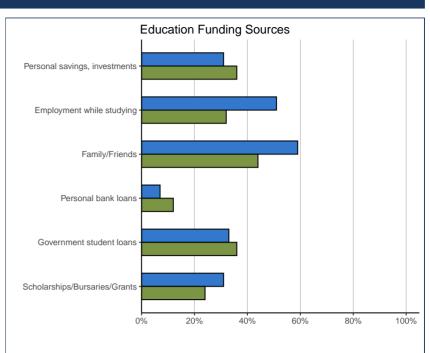
^{*} Includes only cases where financial debt was incurred

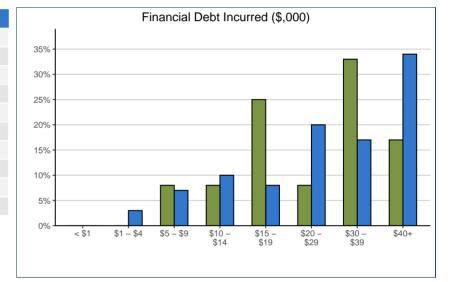


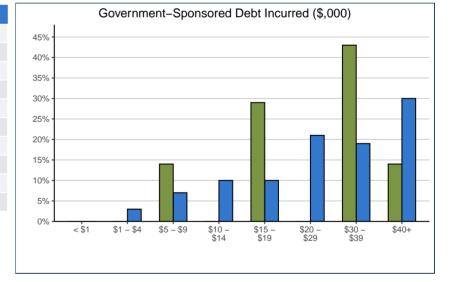
^{*} Includes only cases where government-sponsored debt was incurred

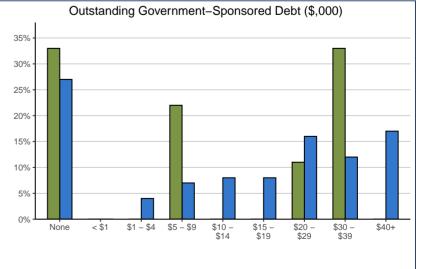


^{*} Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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