

B.C. Baccalaureate Outcomes 2024 Survey of 2022 Baccalaureate Graduates

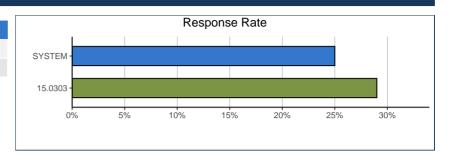
SYSTEM 15.0303

Detailed Summary of Survey Results
All Institutions

15.0303: Electrical, electronic and communications engineering technology/technician

RESPONSE RATE

Survey Response Rate:	15.0303		SYSTEM	
Baccalaureate Graduates Survey Cohort	58	100%	24,572	100%
Survey Respondents and Response Rate	17	29%	6,200	25%

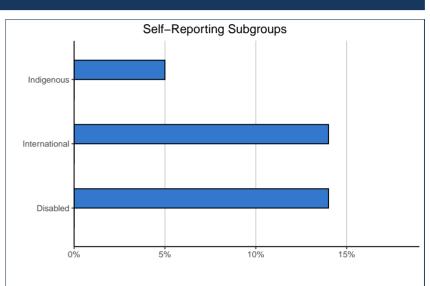


DEMOGRAPHIC INFORMATION

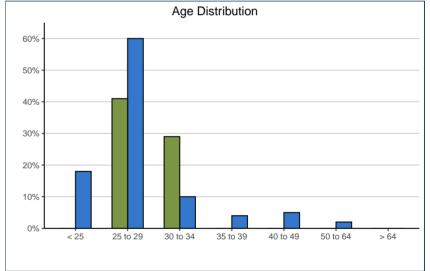
Self-Reporting Subgroups:	15.0303		SYSTEM	
Disabled	0	0%	851	14%
International	0	0%	878	14%
Indigenous	0	0%	264	5%

Gender:*	15.0303		SYSTEM	
Man/Boy	17	100%	2,656	43%
Woman/Girl	0	0%	3,527	57%
Total	17	100%	6,183	100%

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

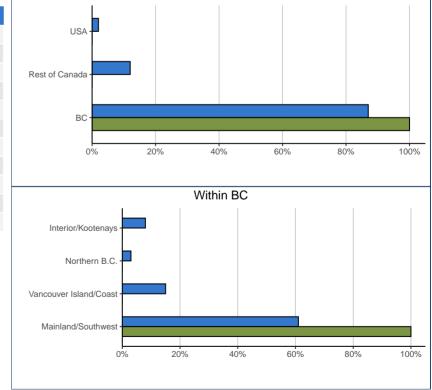


Age (at time of survey):	15.0303		SYSTEM	
< 25	~	~	1,133	18%
25 to 29	7	41%	3,740	60%
30 to 34	5	29%	617	10%
35 to 39	~	~	271	4%
40 to 49	~	~	279	5%
50 to 64	0	0%	129	2%
> 64	0	0%	17	0%
Total	17	100%	6,186	100%
Median Age	28		26	
Average (mean) Age	30		28	



Place of Residence

Place of Residence (at time of survey):	15.0303		SYSTEM	
BC - Mainland/Southwest	16	100%	3,405	61%
BC - Vancouver Island/Coast	0	0%	809	15%
BC – Northern B.C.	0	0%	160	3%
BC – Interior/Kootenays	0	0%	459	8%
BC Subtotal	16	100%	4,833	87%
Canada – Alberta	0	0%	266	5%
Canada – Ontario	0	0%	212	4%
Canada – Other	0	0%	139	3%
U.S.A.	0	0%	100	2%
Non-BC Subtotal	0	0%	717	13%
Total	16	100%	5,550	100%





15.0303: Electrical, electronic and communications engineering technology/technician

EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.0303		SYSTEM	
Very Satisfied	5	29%	1,771	29%
Satisfied	11	65%	3,775	62%
Dissatisfied	0	0%	469	8%
Very Dissatisfied	1	6%	110	2%
Total	17	100%	6,125	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.	15.0303		SYSTEM	
Very Useful	3	21%	1,989	40%	
Somewhat Useful	10	71%	2,266	46%	
Not Very Useful	1	7%	531	11%	
Not at All Useful	0	0%	158	3%	
Total	14	100%	4,944	100%	

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.	15.0303		SYSTEM		
Yes	1	6%	515	9%		
No	16	94%	5,527	91%		



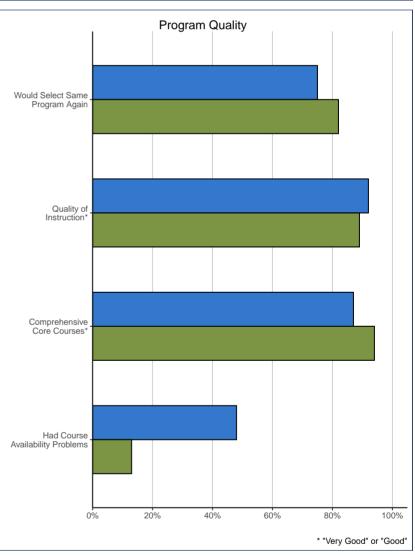
Would select the same program again:	15.0303		SYSTEM	
Yes	14	82%	4,137	75%
No	3	18%	1,363	25%

Quality of Instruction:	15.0303		SYSTEM	
Very Good	3	18%	1,727	28%
Good	12	71%	3,934	64%
Poor	2	12%	402	7%
Very Poor	0	0%	77	1%
Total	17	100%	6,140	100%

Comprehensiveness of Core Courses:	15.	0303	SYS	TEM
Very Good	6	35%	1,667	27%
Good	10	59%	3,645	60%
Poor	1	6%	649	11%
Very Poor	0	0%	115	2%
Total	17	100%	6.076	100%

Course Availability:	15.0303		SYSTEM	
Encountered course availability problems	2 13%		2,918	48%

Financial Constraints:	15.0303		SYS	TEM
Had to interrupt studies for financial reasons	0	0%	565	9%
Had to take program part-time for financial reasons	2	13%	955	16%





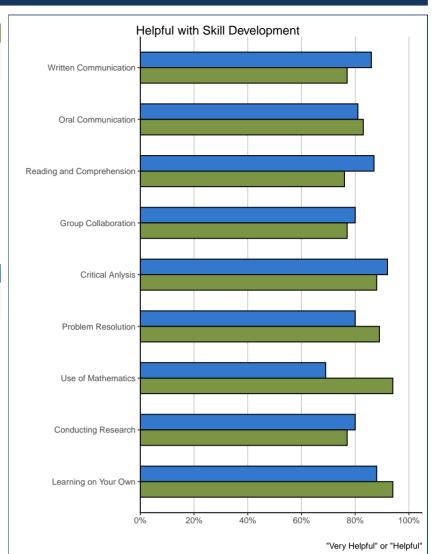
15.0303: Electrical, electronic and communications engineering technology/technician



SKILL DEVELOPMENT

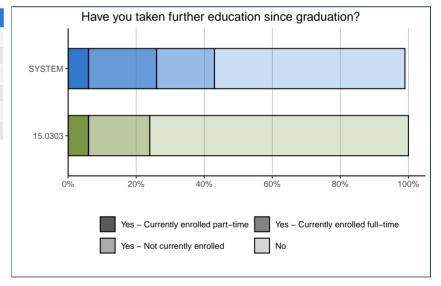
			15.0303		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	24%	53%	24%	0%	17
Oral Communication	24%	59%	18%	0%	17
Reading and Comprehension	29%	47%	18%	6%	17
Group Collaboration	53%	24%	24%	0%	17
Critical Anlysis	35%	53%	12%	0%	17
Problem Resolution	18%	71%	12%	0%	17
Use of Mathematics	53%	41%	6%	0%	17
Conducting Research	18%	59%	18%	6%	17
Learning on Your Own	35%	59%	6%	0%	17

	SYSTEM				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	29%	57%	13%	2%	6,011
Oral Communication	25%	56%	16%	2%	6,039
Reading and Comprehension	32%	55%	12%	1%	6,026
Group Collaboration	30%	50%	17%	4%	6,055
Critical Anlysis	43%	49%	7%	2%	6,142
Problem Resolution	25%	55%	18%	3%	5,966
Use of Mathematics	22%	47%	24%	7%	4,674
Conducting Research	32%	48%	17%	3%	5,806
Learning on Your Own	39%	49%	9%	2%	6,059

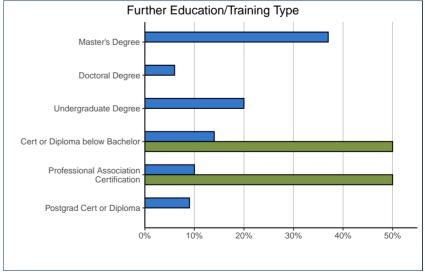


FURTHER EDUCATION

Took further education since 2022 graduation:	15.0303		SYSTEM	
Yes	4	24%	2,708	44%
Not currently enrolled	3	18%	1,069	17%
Currently enrolled full-time	0	0%	1,219	20%
Currently enrolled part-time	1	6%	389	6%
No	13	76%	3,459	56%
Total	17	100%	6,167	100%

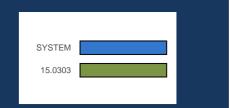


Type of Formal Post–Secondary Education:	15.	15.0303		TEM
Master's Degree	0	0%	979	37%
Doctoral Degree	0	0%	155	6%
Another Undergraduate Degree	0	0%	543	20%
Certificate or Diploma below Bachelor Level	2	50%	374	14%
Professional Association Certification	2	50%	274	10%
Postgraduate Certificate or Diploma	0	0%	238	9%
Other	0	0%	119	4%
Total	4	100%	2,682	100%





15.0303: Electrical, electronic and communications engineering technology/technician



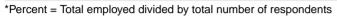
EMPLOYMENT

490

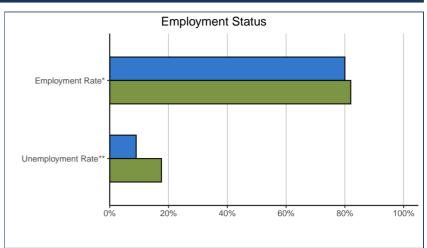
9.0%

17.6%

Labour Fource Status:	15.0303		SYS	TEM
In Labour Force (working or seeking work)	17	100%	5,472	90%
Not in Labour Force	0	0%	613	10%
Total	17	100%	6,085	100%
Employment:	15.0303		15.0303 SYS	
Employment Rate*	14	82%	4,982	80%



^{**}Percent = Total unemployed divided by total number in labour force



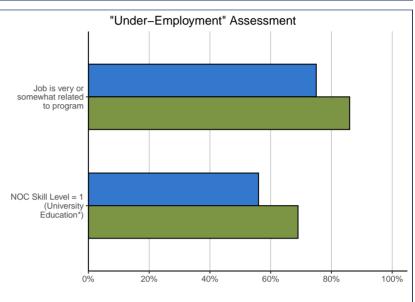
Status of Graduates NOT in Labour Force:	15.0303		SYS	TEM
Attending School FT	0	0%	446	73%
Attending School PT	0	0%	19	3%
Other	0	0%	148	24%
Total NOT in Labour Force	0	0%	613	100%

Primary Employment Type:	15.0303		SYS	TEM
Paid Worker	13	93%	4,678	94%
Self-Employed	1	7%	296	6%
Total	14	100%	4,974	100%

Job Characteristics:	15.0	15.0303		TEM
I hold more than one job*	2	14%	941	19%
My main job is full-time (>= 30 hours per week)**	14	100%	4,109	87%

^{*}Of total employed

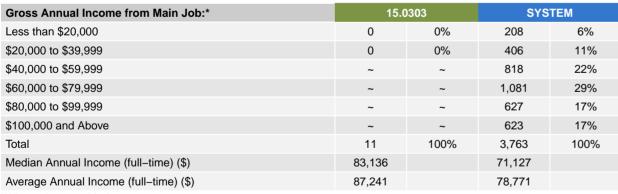
Unemployment Rate**



How related is your main job to your program?	15.0303		SYSTEM	
Very Related	4	29%	2,190	44%
Somewhat Related	8	57%	1,532	31%
Not Very Related	1	7%	579	12%
Not at All Related	1	7%	668	13%
Total	14	100%	4,969	100%

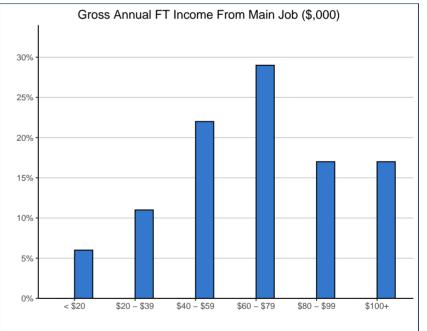
"Under-Employment" Assessment:	15.0303		SYSTEM	
Job is very or somewhat related to program	12	86%	3,722	75%
NOC Skill Level = 1 (University Education)*	9	69%	2,648	56%

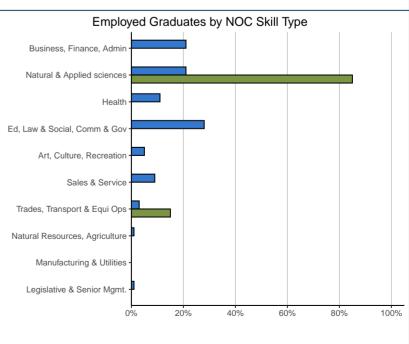
^{*}Of total valid responses; NOC 2021 (TEER)



*Where data provided

NOC Skill Type of Main Job (NOC 2021):	15.0303		15.0303 SYSTE		TEM
Legislative and senior management	0	0%	59	1%	
Business, finance & administration	0	0%	982	21%	
Natural & applied sciences & related	11	85%	966	21%	
Health	0	0%	527	11%	
Education, law and social, community & government	0	0%	1,323	28%	
Art, culture, recreation & sport	0	0%	239	5%	
Sales & service	0	0%	435	9%	
Trades, transport & equipment operators & related	2	15%	119	3%	
Natural resources, agriculture & related production	0	0%	34	1%	
Manufacturing & utilities	0	0%	19	0%	
Total	13	100%	4,703	100%	

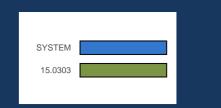




^{**}Of those who provided data on hours/week worked

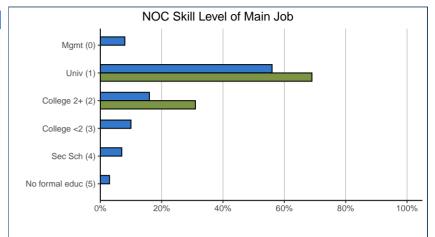


15.0303: Electrical, electronic and communications engineering technology/technician



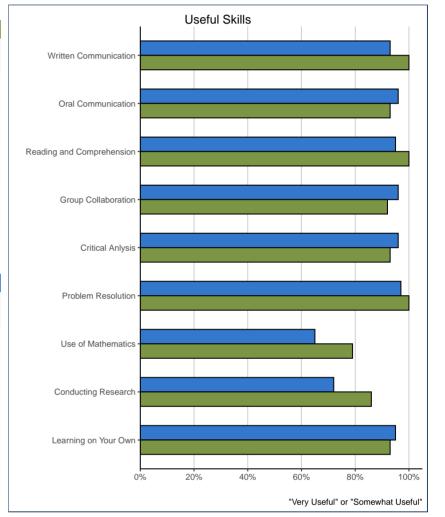
EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	15.	15.0303		SYSTEM	
0. Management		0%	382	8%	
1. University education		69%	2,648	56%	
2. College education/trade apprenticeship (2+ years)	4	31%	748	16%	
3. College education/trade apprenticeship (<2 years)	0	0%	476	10%	
4. Secondary school + job-specific training	0	0%	322	7%	
5. No formal education	0	0%	127	3%	
Total	13	100%	4,703	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	64%	36%	0%	0%	14
Oral Communication	79%	14%	7%	0%	14
Reading and Comprehension	79%	21%	0%	0%	14
Group Collaboration	71%	21%	7%	0%	14
Critical Anlysis	86%	7%	7%	0%	14
Problem Resolution	79%	21%	0%	0%	14
Use of Mathematics	29%	50%	21%	0%	14
Conducting Research	50%	36%	14%	0%	14
Learning on Your Own	79%	14%	7%	0%	14

		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%	5%	2%	4,946	
Oral Communication	77%	19%	3%	1%	4,956	
Reading and Comprehension	73%	22%	3%	1%	4,946	
Group Collaboration	78%	18%	2%	1%	4,952	
Critical Anlysis	77%	19%	3%	1%	4,949	
Problem Resolution	79%	18%	2%	1%	4,949	
Use of Mathematics	30%	35%	22%	14%	4,790	
Conducting Research	39%	33%	17%	11%	4,847	
Learning on Your Own	69%	26%	3%	1%	4,942	



Top 10 Full-Tim	ne Occupations of 15.0303	Graduates*:	15.0303
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21310	1	Electrical and electronics engineers	57%
*			
*			
*			
*			
*			
*			
*			
*			
*			

 $^{^{\}star}$ Data not displayed where n < 5; NOC 2021

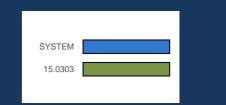
^{**} Percentages cited are of those employed

Top 10 Full-Time Occupations of SYSTEM Graduates*:			SYSTEM
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
31301	1	Registered nurses and registered psychiatric nurses	5%
21231	1	Software engineers and designers	4%
XXXXX	Χ	Unclassified occupations	4%
41221	1	Elementary school and kindergarten teachers	3%
11202	1	Professional occupations in advertising, marketing and public relations	2%
11100	1	Financial auditors and accountants	2%
42201	2	Social and community service workers	2%
21232	1	Software developers and programmers	2%
13100	3	Administrative officers	2%
41220	1	Secondary school teachers	2%

^{*} Data not displayed where n < 5; NOC 2021

^{**} Percentages cited are of those employed

15.0303: Electrical, electronic and communications engineering technology/technician



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	15.	15.0303		TEM
Personal savings, investments	5	31%	1,927	32%
Employment while studying		38%	3,012	50%
Family/Friends	4	25%	3,627	60%
Personal bank loans	3	19%	337	6%
Government student loans	6	38%	2,007	33%
Scholarships/Bursaries/Grants	8	50%	1,988	33%
Other	5	31%	1,362	22%
Total	16		6,073	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	15.0303		SYSTEM	
Incurred any form of financial debt	8	50%	2,595	43%
Incurred government-sponsored student loan debt	7	44%	2,232	36%

^{*} Percentage of respondents who provided data



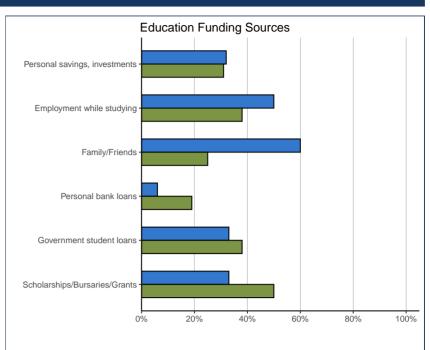
^{*} Includes only cases where financial debt was incurred

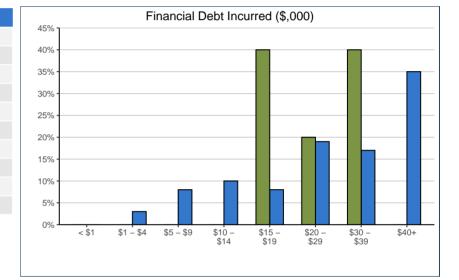


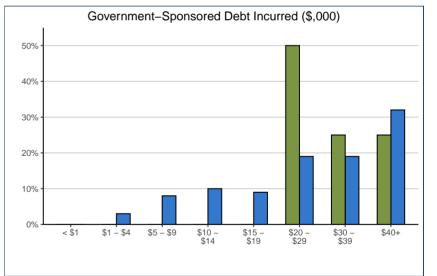
^{*} Includes only cases where government-sponsored debt was incurred

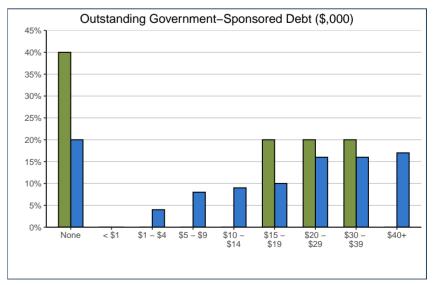


 $^{^{\}star}$ Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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