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

Detailed Summary of Survey Results
All Institutions
11.0501: Computer systems analysis/analyst

SYSTEM	
11.0501	

RESPONSE RATE

Survey Response Rate:	11.0501		SYSTEM	
Baccalaureate Graduates Survey Cohort	91	100%	25,962	100%
Survey Respondents and Response Rate	33	36%	8,603	33%

Response Rate
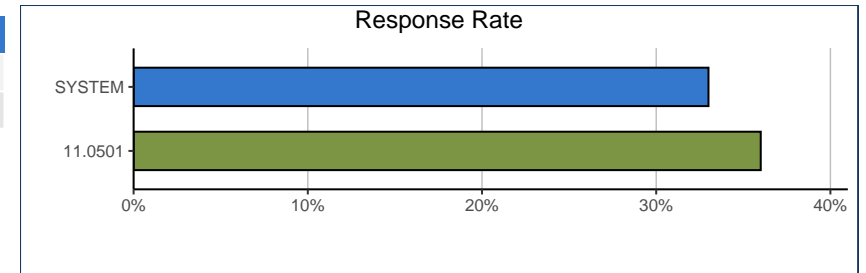
DEMOGRAPHIC INFORMATION

Self−Reporting Subgroups:	11.0501		SYSTEM	
Disabled	~	~	1,079	13%
International	21	64%	1,153	13%
Aboriginal	0	0%	330	5%
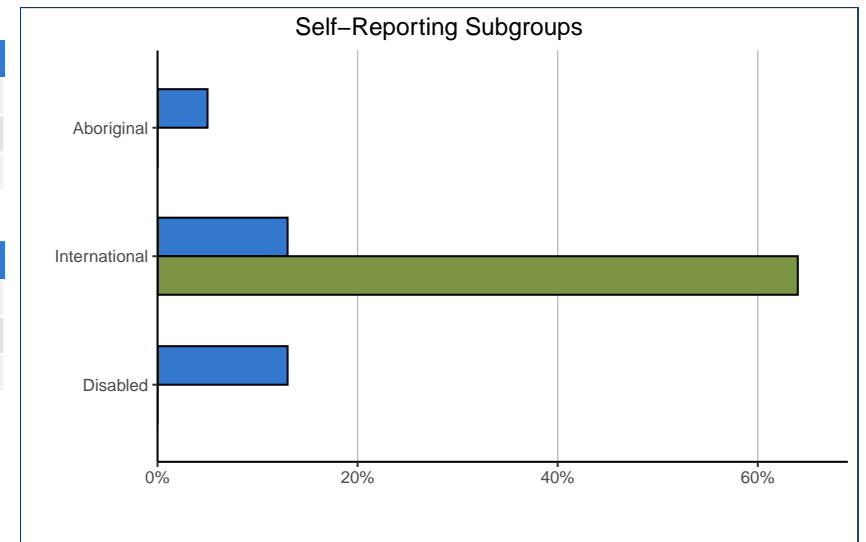
Gender:*	11.0501		SYSTEM	
Male	28	85%	3,534	41%
Female	5	15%	5,051	59%
Total	33	100%	8,585	100%

*Due to zero or low counts, institution−reported "Non−binary" demographic data are not included.

Self−Reporting Subgroups

Age (at time of survey):	11.0501		SYSTEM	
< 25	10	30%	1,417	17%
25 to 29	18	55%	5,150	60%
30 to 34	~	~	994	12%
35 to 39	0	0%	417	5%
40 to 49	~	~	407	5%
50 to 64	~	~	175	2%
> 64	0	0%	26	0%
Total	33	100%	8,586	100%
Median Age	25		26	
Average (mean) Age	28		28	

Age Distribution
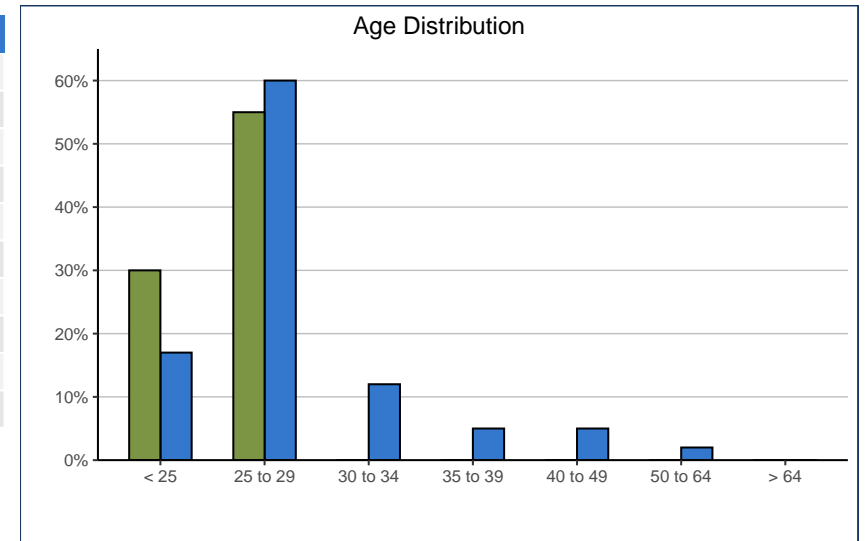
Place of Residence (at time of survey):	11.0501		SYSTEM	
BC – Mainland/Southwest	~	~	4,824	64%
BC – Vancouver Island/Coast	0	0%	1,065	14%
BC – Northern B.C.	0	0%	225	3%
BC – Interior/Kootenays	~	~	673	9%
BC Subtotal	22	85%	6,787	89%
Canada – Alberta	0	0%	328	4%
Canada – Ontario	~	~	239	3%
Canada – Other	0	0%	165	2%
U.S.A.	0	0%	75	1%
Non−BC Subtotal	~	~	807	11%
Total	26	100%	7,594	100%

Place of Residence

Within BC

BC Student Outcomes
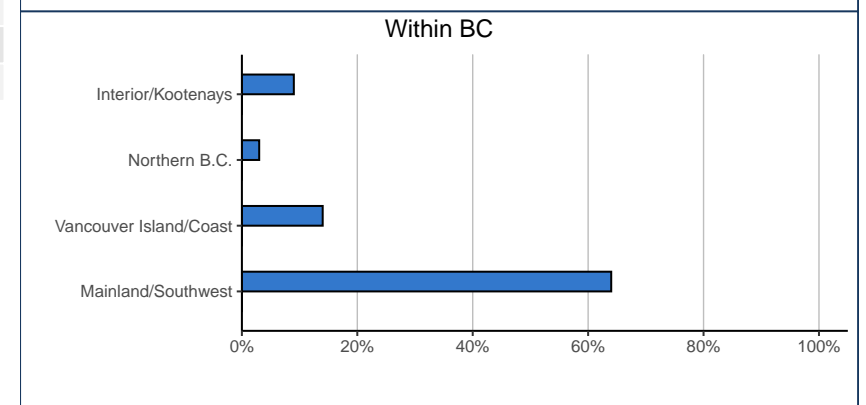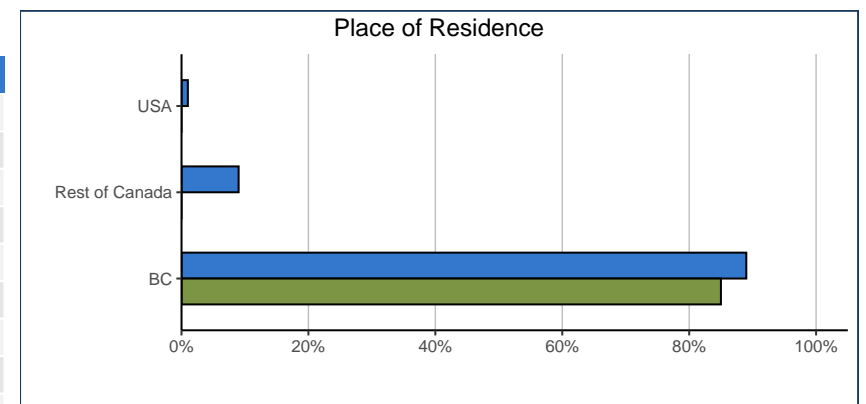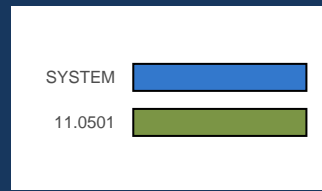
	SYSTEM
	11.0501

EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	11.0501		SYSTEM	
Very Satisfied	3	9%	2,262	27%
Satisfied	20	61%	5,296	62%
Dissatisfied	7	21%	740	9%
Very Dissatisfied	3	9%	184	2%
Total	33	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	11.0501		SYSTEM	
Very Useful	4	13%	2,704	39%
Somewhat Useful	16	52%	3,247	46%
Not Very Useful	7	23%	814	12%
Not at All Useful	4	13%	250	4%
Total	31	100%	7,015	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	11.0501		SYSTEM	
Yes	4	13%	818	10%
No	27	87%	7,545	90%
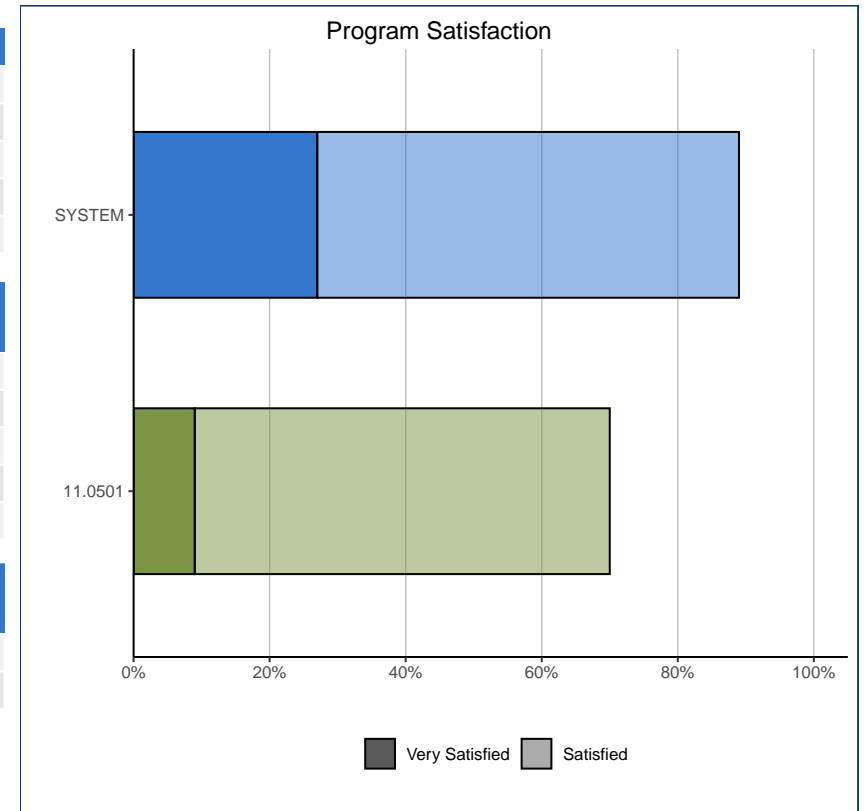
Would select the same program again:	11.0501		SYSTEM	
Yes	14	52%	5,501	73%
No	13	48%	2,019	27%

Quality of Instruction:	11.0501		SYSTEM	
Very Good	2	6%	2,328	27%
Good	19	59%	5,423	64%
Poor	7	22%	649	8%
Very Poor	4	13%	131	2%
Total	32	100%	8,531	100%
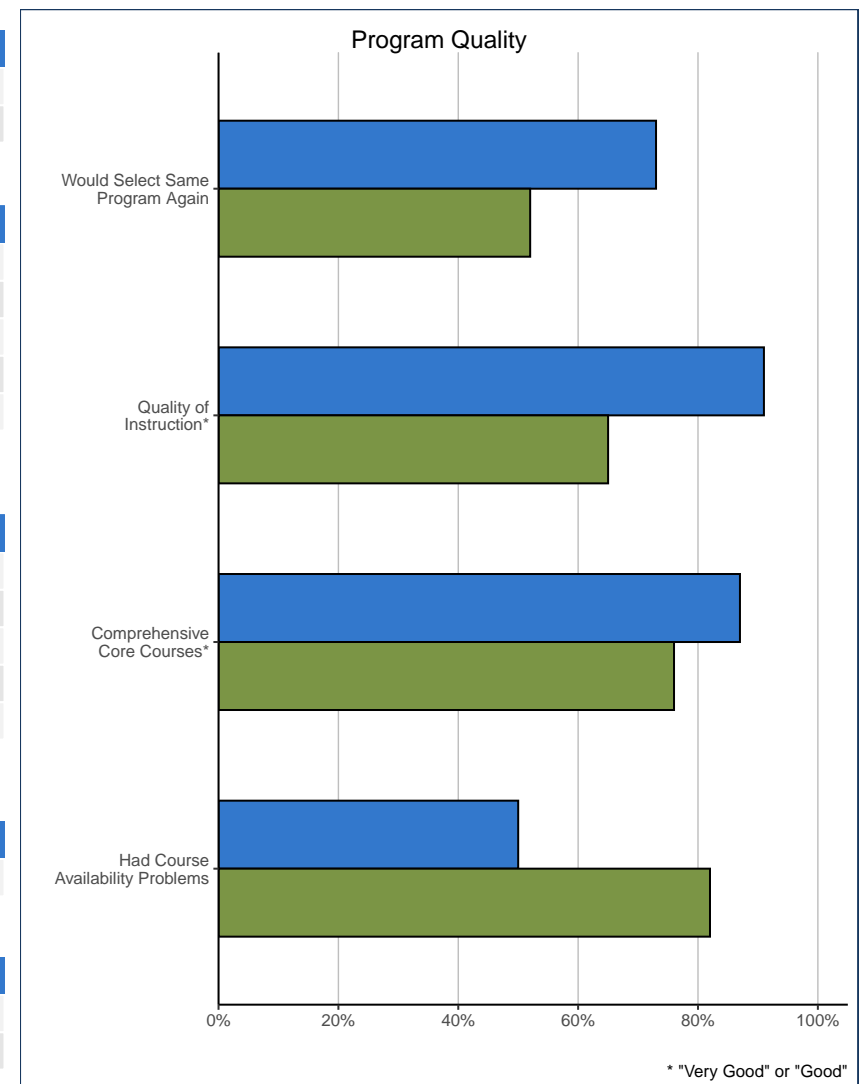
Comprehensiveness of Core Courses:	11.0501		SYSTEM	
Very Good	3	9%	2,206	26%
Good	22	67%	5,161	61%
Poor	4	12%	862	10%
Very Poor	4	12%	171	2%
Total	33	100%	8,400	100%

Course Availability:	11.0501		SYSTEM	
Encountered course availability problems	27	82%	4,193	50%

| Financial Constraints:	11.0501		SYSTEM	
Had to interrupt studies for financial reasons	6	19%	926	11%
Had to take program part–time for financial reasons	9	30%	1,545	18%

Program Satisfaction

Legend: Very Satisfied, Satisfied

Program Quality

- Would Select Same Program Again
- Quality of Instruction*
- Comprehensive Core Courses*
- Had Course Availability Problems

* "Very Good" or "Good"

BC Student Outcomes

Detailed Summary of Survey Results
All Institutions
11.0501: Computer systems analysis/analyst
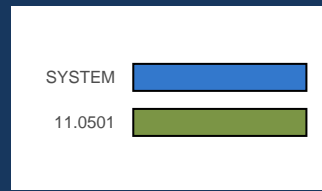
SYSTEM
11.0501

SKILL DEVELOPMENT

Skill Development: How helpful was institution?	11.0501				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	14%	62%	17%	7%	29
Oral Communication	19%	61%	13%	6%	31
Reading and Comprehension	16%	48%	26%	10%	31
Group Collaboration	28%	44%	19%	9%	32
Critical Anlysis	22%	47%	16%	16%	32
Problem Resolution	22%	47%	22%	9%	32
Use of Mathematics	6%	55%	23%	16%	31
Conducting Research	23%	50%	13%	13%	30
Learning on Your Own	39%	42%	9%	9%	33

Skill Development: How helpful was institution?	SYSTEM				
	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

Helpful with Skill Development
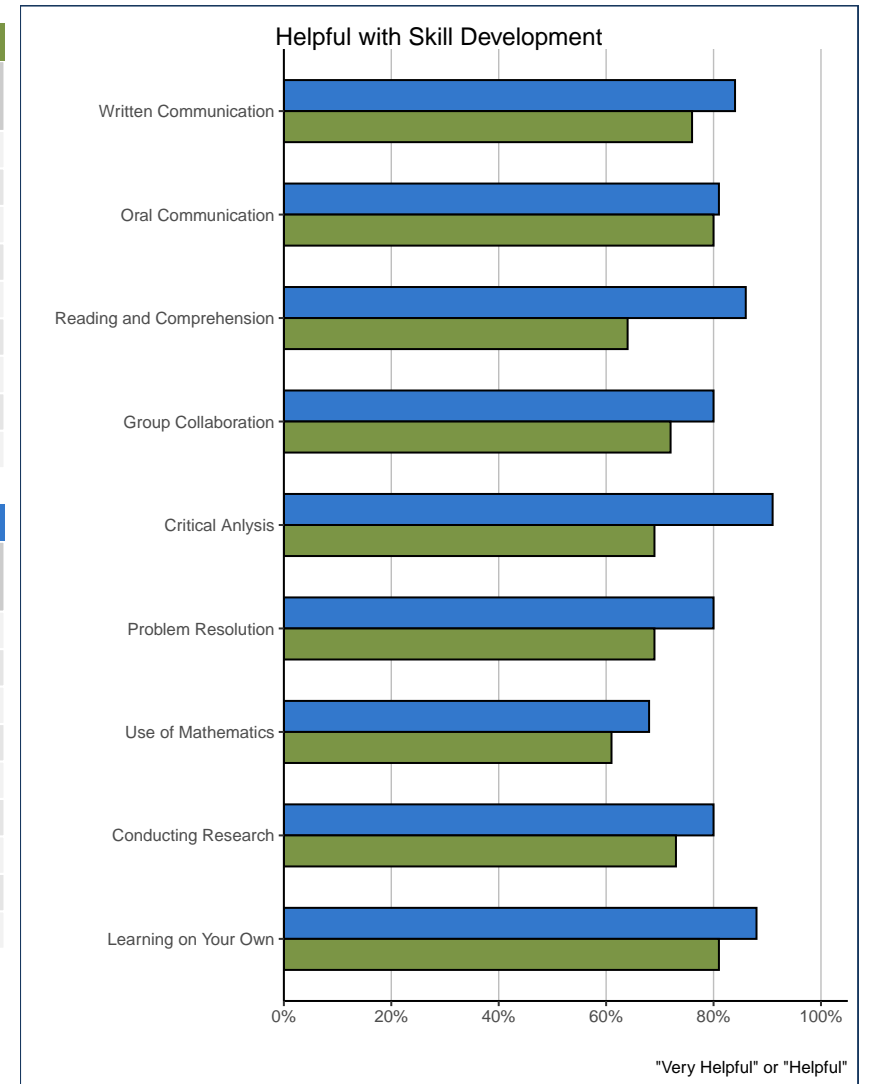
FURTHER EDUCATION

Took further education since 2021 graduation:	11.0501		SYSTEM	
Yes	2	6%	3,668	43%
Not currently enrolled	1	3%	1,580	19%
Currently enrolled full–time	1	3%	1,472	17%
Currently enrolled part–time	0	0%	565	7%
No	30	94%	4,870	57%
Total	32	100%	8,538	100%

Have you taken further education since graduation?

Legend: Yes – Currently enrolled part–time; Yes – Currently enrolled full–time; Yes – Not currently enrolled; No
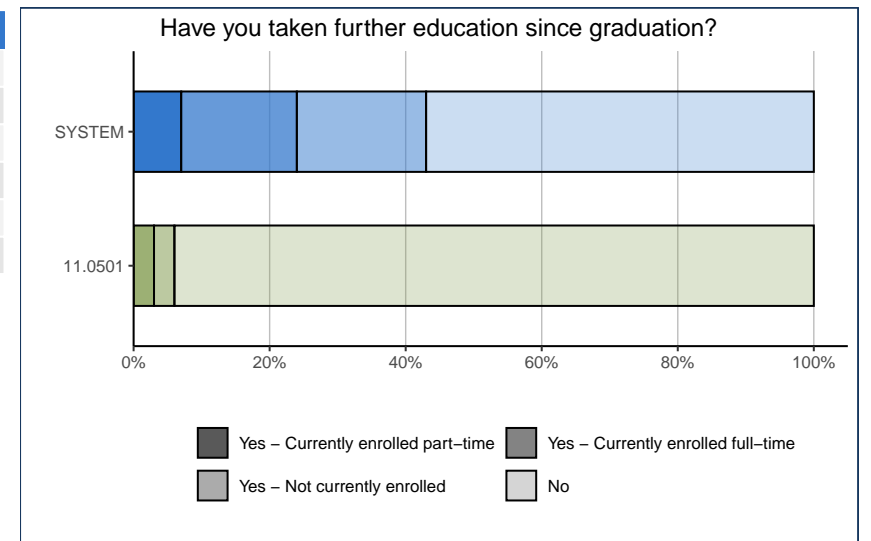
Type of Formal Post–Secondary Education:	11.0501		SYSTEM	
Masters Degree	0	0%	1,184	33%
Doctoral Degree	0	0%	153	4%
Another Undergraduate Degree	0	0%	718	20%
Certificate or Diploma below Bachelor level	0	0%	510	14%
Professional Association Certification	1	50%	538	15%
Postgraduate Certificate or Diploma	1	50%	359	10%
Other	0	0%	162	4%
Total	2	100%	3,624	100%

Further Education/Training Type

BC Student Outcomes

Detailed Summary of Survey Results
All Institutions
11.0501: Computer systems analysis/analyst
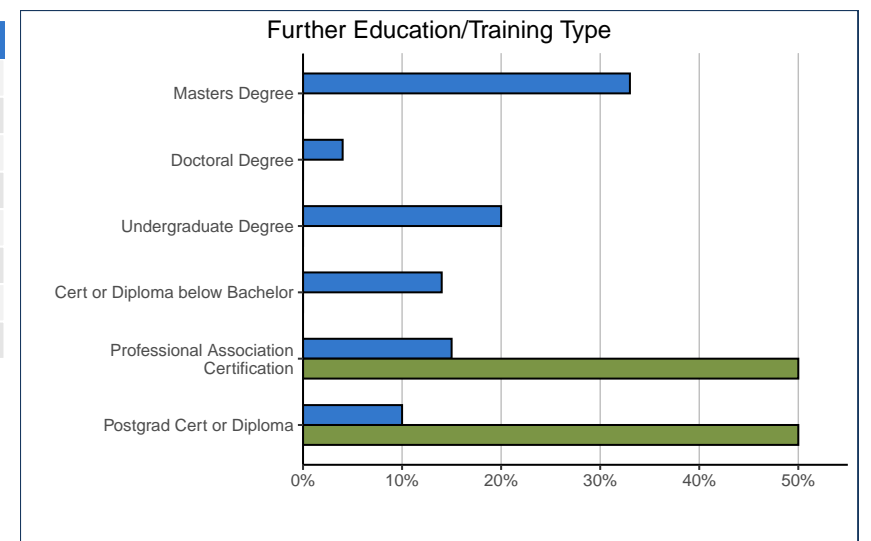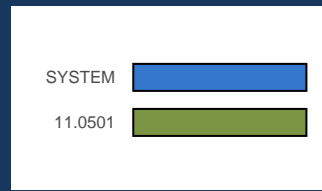
SYSTEM
11.0501

EMPLOYMENT

Labour Fource Status:	11.0501		SYSTEM	
In Labour Force (working or seeking work)	32	100%	7,643	90%
Not in Labour Force	0	0%	803	10%
Total	32	100%	8,446	100%

Employment:	11.0501		SYSTEM	
Employment Rate*	31	94%	7,062	82%
Unemployment Rate**	1	3.1%	581	7.6%

*Percent = Total employed divided by total number of respondents
**Percent = Total unemployed divided by total number in Labour Force
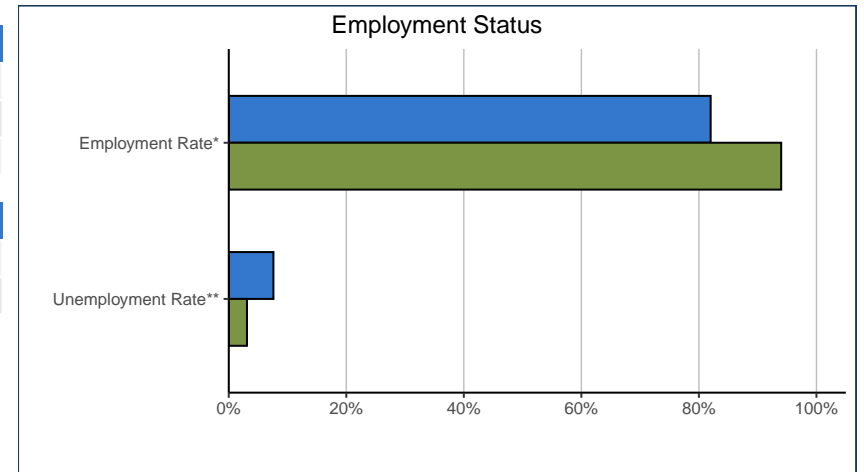
Employment Status

Status of Graduates NOT in Labour Force:	11.0501		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:	11.0501		SYSTEM	
Paid worker	29	94%	6,623	94%
Self–employed	2	6%	412	6%
Total	31	100%	7,035	100%

Job Characteristics:	11.0501		SYSTEM	
I hold more than one job*	3	10%	1,243	18%
My main job is full–time (>= 30 hours per week)**	28	97%	5,922	89%

*Of total Employed
**Of those who provided data on hours/week worked

"Under–Employment" Assessment
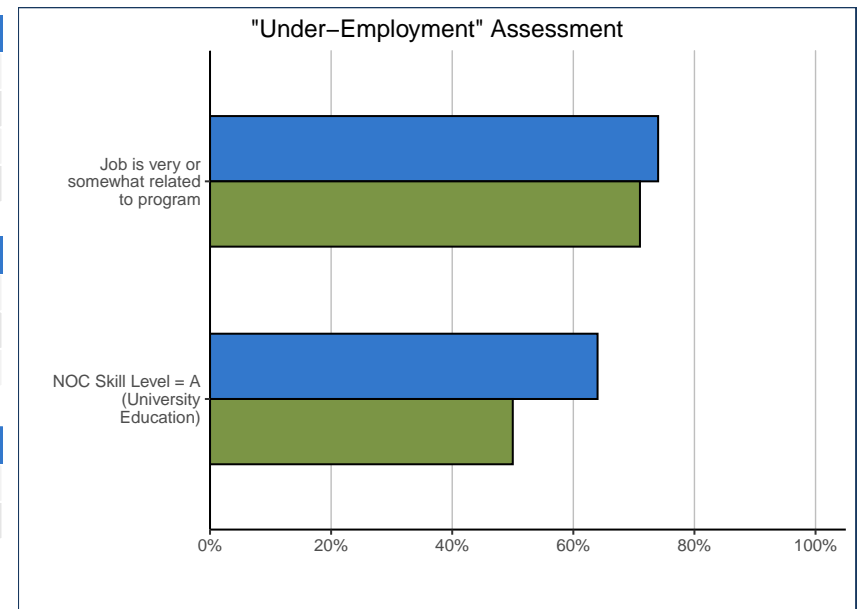
How related is your main job to your program?	11.0501		SYSTEM	
Very Related	12	39%	3,081	44%
Somewhat Related	10	32%	2,151	31%
Not Very Related	5	16%	901	13%
Not at All Related	4	13%	910	13%
Total	31	100%	7,043	100%

"Under–employment" Assessment:	11.0501		SYSTEM	
Job is very or somewhat related to program	22	71%	5,232	74%
NOC Skill Level = A (University Education)*	14	50%	4,148	64%

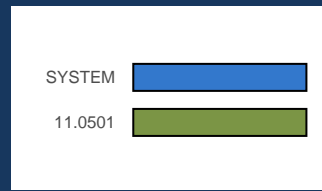*Of total valid responses

Gross Annual Income from Main Job:*	11.0501		SYSTEM	
Less than $20,000	0	0%	310	6%
$20,000 to $39,999	5	36%	593	11%
$40,000 to $59,999	~	~	1,303	24%
$60,000 to $79,999	~	~	1,609	30%
$80,000 to $99,999	0	0%	805	15%
$100,000 and Above	~	~	729	14%
Total	14	100%	5,349	100%
Median Annual Income (full–time) ($)	45,725		68,000	
Average Annual Income (full–time) ($)	54,586		74,015	

*Where data provided

Gross Annual FT Income From Main Job ($,000)

NOC Skill Type of Main Job:	11.0501		SYSTEM	
Business, finance & administration	2	7%	1,558	24%
Natural & applied sciences & related	18	67%	1,354	21%
Health	0	0%	761	12%
Education, law and social, community & government	0	0%	1,787	27%
Art, culture, recreation & sport	1	4%	296	5%
Sales & service	5	19%	559	9%
Trades, transport & equipment operators & related	1	4%	114	2%
Natural resources, agriculture & related production	0	0%	35	1%
Manufacturing & utilities	0	0%	35	1%
Total	27	100%	6,499	100%

Employed Graduates by NOC Skill Type

BC Student Outcomes

Detailed Summary of Survey Results
All Institutions
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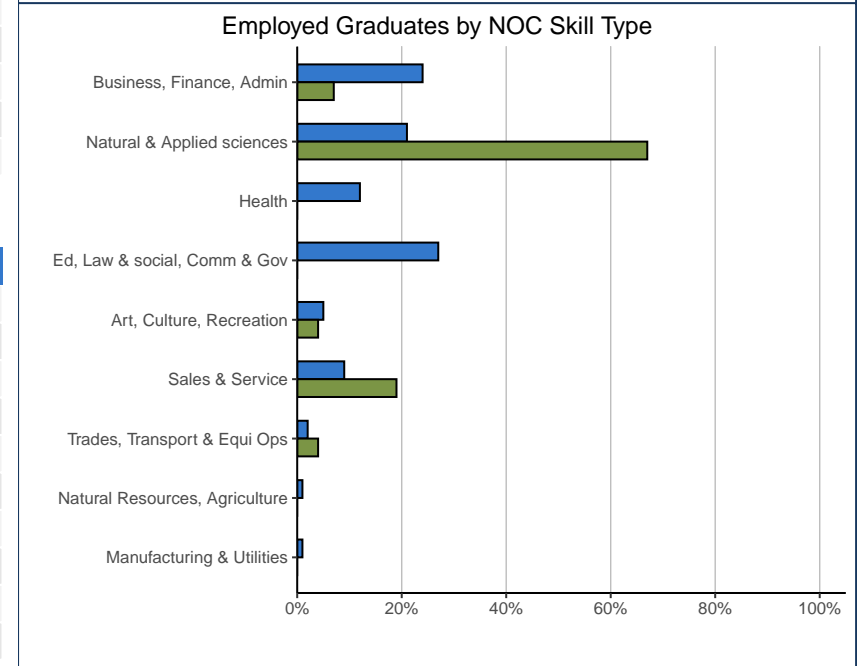
SYSTEM
11.0501

EMPLOYMENT, continued

NOC Skill Level of Main Job:	11.0501		SYSTEM	
A. University education	14	50%	4,148	64%
B. College education/trade apprenticeship	12	43%	1,713	26%
C. Secondary school + job–specific training	2	7%	564	9%
D. No formal education	0	0%	90	1%
Total	28	100%	6,515	100%
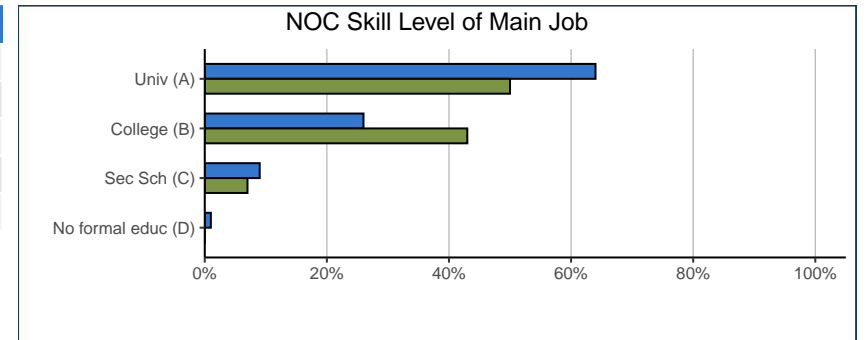
NOC Skill Level of Main Job

	11.0501				
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	65%	23%	6%	6%	31
Oral Communication	77%	13%	6%	3%	31
Reading and Comprehension	65%	26%	6%	3%	31
Group Collaboration	61%	35%	3%	0%	31
Critical Anlysis	71%	23%	6%	0%	31
Problem Resolution	74%	16%	6%	3%	31
Use of Mathematics	17%	43%	30%	10%	30
Conducting Research	47%	37%	13%	3%	30
Learning on Your Own	67%	23%	10%	0%	30
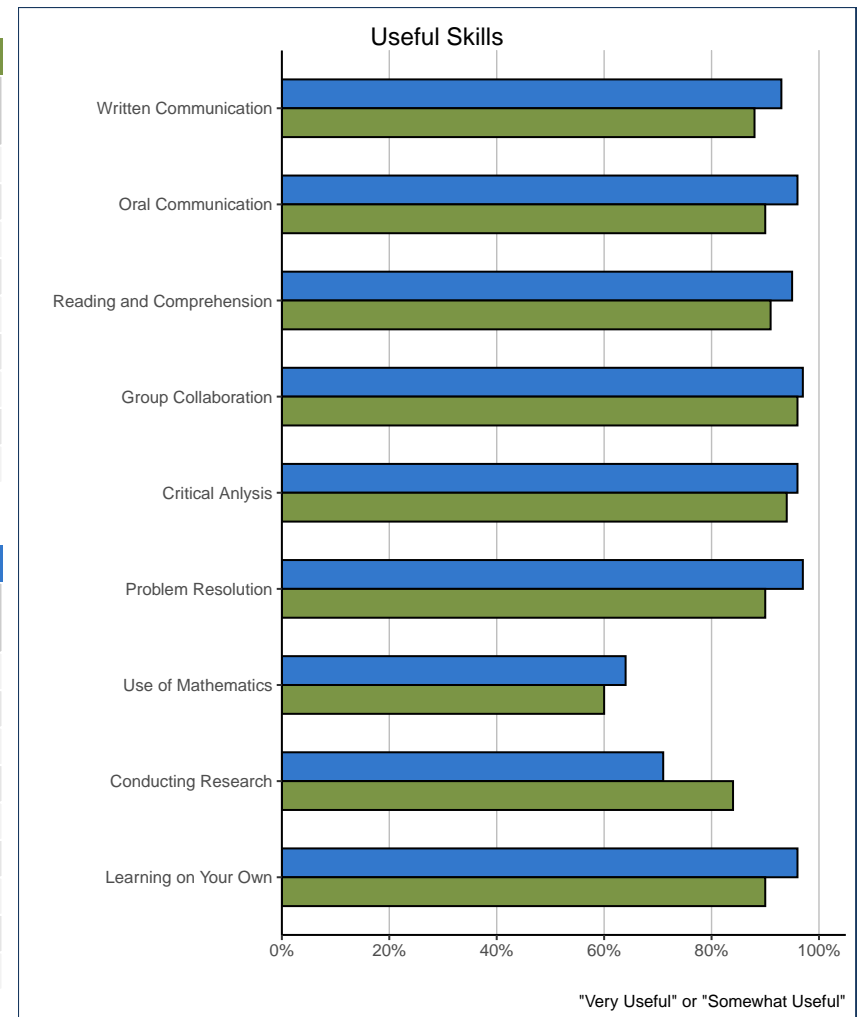
	SYSTEM				
How useful are the following skills and abilities in doing your main job?	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	71%	22%	4%	2%	7,014
Oral Communication	78%	18%	2%	1%	7,014
Reading and Comprehension	72%	23%	4%	1%	7,014
Group Collaboration	79%	18%	2%	1%	7,016
Critical Anlysis	76%	20%	3%	1%	7,016
Problem Resolution	80%	17%	2%	1%	7,013
Use of Mathematics	27%	37%	22%	14%	6,834
Conducting Research	37%	34%	17%	11%	6,904
Learning on Your Own	70%	26%	3%	2%	6,997

Useful Skills

"Very Useful" or "Somewhat Useful"

Top 10 Full–time Occupations of 11.0501 Graduates:			11.0501
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2171	A	Information systems analysts and consultants	16%
2281	B	Computer network technicians	16%
2282	B	User support technicians	16%
*			
*			
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* 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%
XXXX	O	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	B	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	B	Administrative officers	2%
4031	A	Secondary school teachers	2%

* Data not displayed where n < 5
** Percentages cited are of those employed

BC Student Outcomes

Detailed Summary of Survey Results
All Institutions
11.0501: Computer systems analysis/analyst

| SYSTEM | |
| 11.0501 | |

EDUCATION FINANCING

Funding Sources (3 sources allowed):*	11.0501		SYSTEM	
Personal savings, investments	4	13%	2,643	31%
Employment while studying	22	71%	4,042	48%
Family/Friends	18	58%	5,041	60%
Personal bank loans	4	13%	535	6%
Government student loans	3	10%	2,834	34%
Scholarships/Bursaries/Grants	3	10%	2,631	31%
Other	7	23%	1,990	24%
Total	31		8,391	

* Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	11.0501		SYSTEM	
Incurred any form of financial debt	13	43%	3,736	44%
Incurred government–sponsored student loan debt	4	13%	3,105	37%

* Percentage of respondents who provided data

Education Funding Sources

Financial Debt Amount:*	11.0501		SYSTEM	
< $1,000	0	0%	4	0%
$1,000 to $4,999	0	0%	85	3%
$5,000 to $9,999	0	0%	219	8%
$10,000 to $14,999	0	0%	298	10%
$15,000 to $19,999	0	0%	233	8%
$20,000 to $29,999	1	13%	545	19%
$30,000 to $39,999	3	38%	455	16%
$40,000 or More	4	50%	1,064	37%
Total	8	100%	2,903	100%
Median Financial Debt ($)	37,500		30,000	

* Includes only cases where financial debt was incurred

Financial Debt Incurred ($,000)

Gov't–Sponsored Student Loan Debt Amount:*	11.0501		SYSTEM	
< $1,000	0	0%	6	0%
$1,000 to $4,999	0	0%	66	3%
$5,000 to $9,999	0	0%	156	7%
$10,000 to $14,999	0	0%	219	10%
$15,000 to $19,999	0	0%	189	9%
$20,000 to $29,999	1	25%	424	20%
$30,000 to $39,999	3	75%	394	18%
$40,000 or More	0	0%	687	32%
Total	4	100%	2,141	100%
Median Gov't–Sponsored Loan Debt ($)	31,000		30,000	

* Includes only cases where government–sponsored debt was incurred

Government–Sponsored Debt Incurred ($,000)

Gov't–Sponsored Loan Debt Outstanding:*	11.0501		SYSTEM	
None – Loan repaid in full	1	25%	524	22%
< $1,000	0	0%	9	0%
$1,000 to $4,999	0	0%	103	4%
$5,000 to $9,999	0	0%	189	8%
$10,000 to $14,999	0	0%	213	9%
$15,000 to $19,999	1	25%	208	9%
$20,000 to $29,999	1	25%	447	18%
$30,000 to $39,999	1	25%	330	14%
$40,000 or More	0	0%	406	17%
Total	4	100%	2,429	100%
Median Gov't–Sponsored Loan Debt Outstanding** ($)	22,000		24,000	

* 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

Outstanding Government–Sponsored Debt ($,000)