B.C. Baccalaureate Outcomes 2017 Survey of 2015 Baccalaureate Graduates



1.

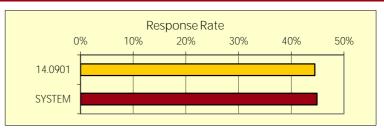
Detailed Summary of Survey Results
All Institutions

CIP Code: 14.0901: Computer engineering, general



RESPONSE RATE

Survey Response Rate:	14.0901		SYSTEM	M
2015 Baccalaureate Graduates Survey Cohort	126		23,715	
Survey Respondents and Response Rate	56	44%	10,642	45%

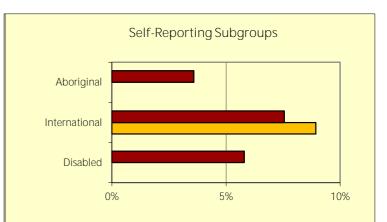


Note: ~ = low cell count; data suppressed

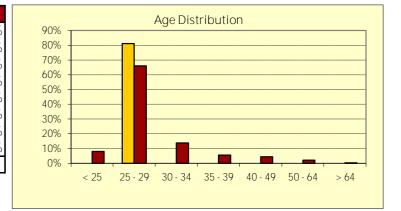
DEMOGRAPHIC INFORMATION

2. Self-Reporting Subgroups:	14.09	14.0901		TEM
Disabled	~	~	617	6%
International	5	9%	804	8%
Aboriginal	~	~	348	4%

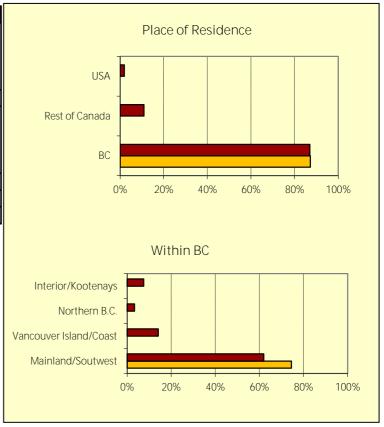
3.	Gender:	14.0901		SYSTEI	M
	Male	45	80%	4,168	39%
	Female	11	20%	6,474	61%
	Total	56	100%	10,642	100%



4.	Age (at time of survey):		14.0901		SYSTEN	V
	< 25	~	~		829	8%
	25 to 29		43	81%	6,851	66%
	30 to 34	~	~		1,434	14%
	35 to 39	~	~		574	6%
	40 to 49	~	~		456	4%
	50 to 64	~	~		220	2%
	> 64	~	~		22	0%
	Total		53	100%	10,386	100%
	Mean Age:		27		29	



Place of Residence (at time of survey):		14.0901		SYSTE	M
BC - Mainland/Southwest		35	74%	5,663	62%
BC - Vancouver Island/Coast	~	~		1,294	14%
BC - Northern B.C.	~	~		307	3%
BC - Interior/Kootenays	~	~		693	8%
BC Subtotal		41	87%	7,957	87%
Canada - Alberta	~	~		450	5%
Canada - Ontario	~	~		330	4%
Canada - Other	~	~		225	2%
U.S.A.	~	~		177	2%
Non-BC Subtotal		6	13%	1,182	13%
Total		47	100%	9,139	100%



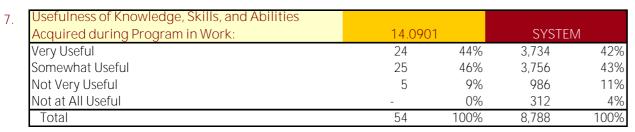


SYSTEM 14.0901

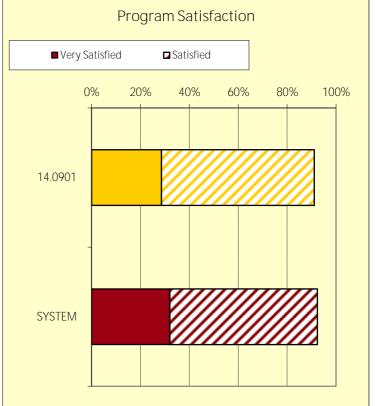
CIP Code: 14.0901: Computer engineering, general

EDUCATION EVALUATION AND SKILL DEVELOPMENT

6.				
Program Satisfaction:	14.090	1	SYSTEM	V
Very Satisfied	16	29%	3,369	32%
Satisfied	35	63%	6,351	60%
Dissatisfied	4	7%	652	6%
Very Dissatisfied	1	2%	155	1%
Total	56	100%	10527	100%



8.	Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0901		SYSTEM	
	Yes	3	5%	983	9%
	No	53	95%	9,490	91%



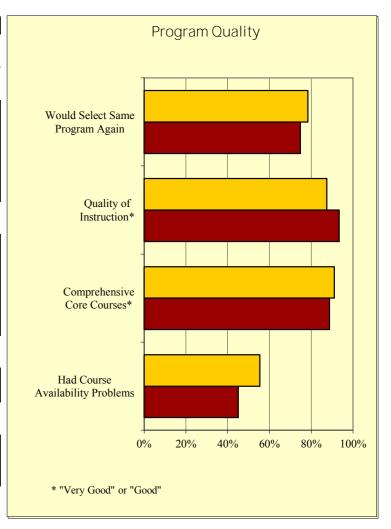
9.	Select the same program again:	14.0901		SYSTEN	Λ
	Yes	40	78%	7,418	75%
	No	11	22%	2,493	25%

10. Quality of Instruction:	14.0	901	SYS	TEM
Very Good	10	18%	3,347	32%
Good	39	70%	6,511	62%
Poor	5	9%	607	6%
Very Poor	2	4%	90	1%
Total	56	100%	10.555	100%

11.	Comprehensiveness of Core Courses:	14.090)1	SYST	ΓEM
	Very Good	11	20%	2,892	28%
	Good	40	71%	6,379	61%
	Poor	4	7%	1,059	10%
	Very Poor	1	2%	115	1%
	Total	56	100%	10,445	100%

12.	Course Availability: 14.0901			SYSTEM		
	Encountered course availability problems	31	55%	4,727	45%	

13.	Financial Constraints:	14.0901		SYSTEM	
	Had to interrupt studies for financial reasons	2	4%	1,431	14%
	Had to take program part-time for financial reasons	4	7%	2,183	21%





SYSTEM 14.0901

CIP Code: 14.0901: Computer engineering, general

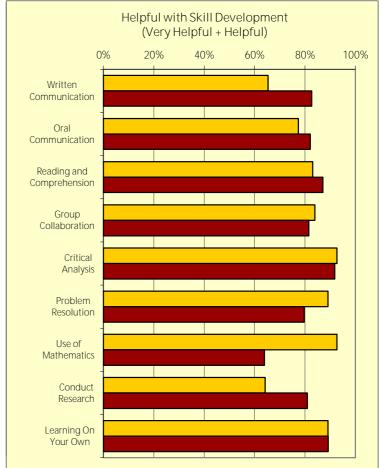
SKILL DEVELOPMENT

14a.

			14.0901		
Skill Development: How helpful was	Very		Not Very	Not at all	#
institution?	Helpful	Helpful	Helpful	Helpful	Resp.
Written Communication	10%	56%	33%	2%	52
Oral Communication	4%	74%	21%	2%	53
Reading and Comprehension	11%	72%	15%	2%	53
Group Collaboration	34%	50%	14%	2%	56
Critical Analysis	35%	58%	7%	0%	55
Problem Resolution	20%	69%	11%	0%	55
Use of Mathematics	29%	64%	7%	0%	55
Conducting Research	21%	43%	32%	4%	53
Learning On Your Own	53%	36%	11%	0%	55

14b.

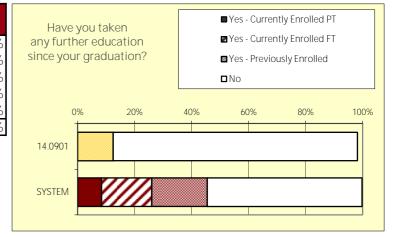
			SYSTEM		
Skill Development: How helpful was	Very		Not Very	Not at all	#
institution?	Helpful	Helpful	Helpful	Helpful	Resp.
Written Communication	27%	56%	15%	2%	10,296
Oral Communication	24%	58%	16%	2%	10,421
Reading and Comprehension	29%	59%	12%	1%	10,385
Group Collaboration	30%	52%	16%	3%	10,431
Critical Analysis	43%	49%	7%	1%	10,570
Problem Resolution	22%	58%	18%	2%	10,307
Use of Mathematics	18%	46%	27%	9%	8,311
Conducting Research	30%	51%	16%	3%	10,161
Learning On Your Own	34%	55%	9%	1%	10,462



FURTHER EDUCATION

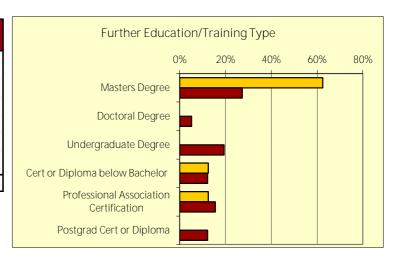
15a.

Took further education since 2015 graduation:	14.090	1	SYSTEM		
Yes:	8	14%	4,851	46%	
Not currently enrolled	7	13%	2,060	19%	
Currently enrolled full-time	-	0%	1,863	18%	
Currently enrolled part-time	1		887	8%	
No	48	86%	5,756	54%	
Total	56	100%	10,607	100%	
•					



15b.

Type of Formal Post-Secondary Education:	14.09	01	SYS	TEM
Masters Degree	5	63%	1,289	27%
Doctoral Degree	-	0%	242	5%
Another Undergraduate Degree	-	0%	914	19%
Certificate or Diploma below Bachelor level	1	13%	574	12%
Professional Association Certification	1	13%	733	16%
Postgraduate Certificate or Diploma	-	0%	572	12%
Other	1	13%	397	8%
Total	8	100%	4,721	100%





23.

24.

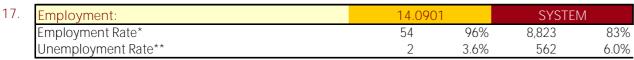
Detailed Summary of Survey Results All Institutions

SYSTEM 14.0901

CIP Code: 14.0901: Computer engineering, general

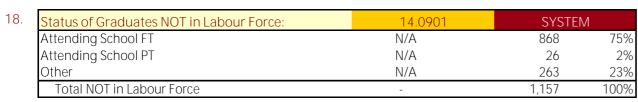
EMPLOYMENT

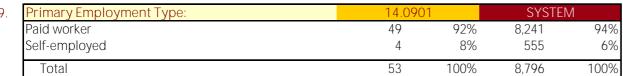
16.	Labour Force Status:	14.0901		SYSTE	M
	In Labour Force (working or seeking work)	56	100%	9,385	89%
	Not in Labour Force	-	0%	1,157	11%
	Total	56	100%	10,542	100%

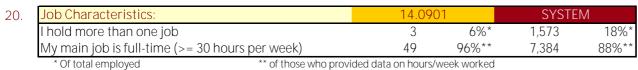


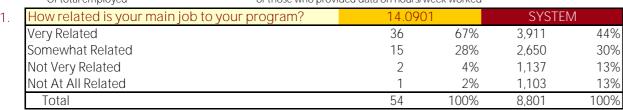
^{*} Total employed divided by total number of respondents

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





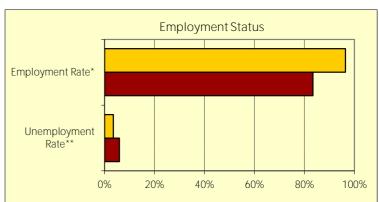


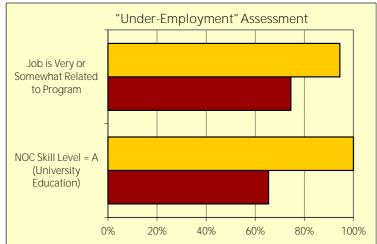


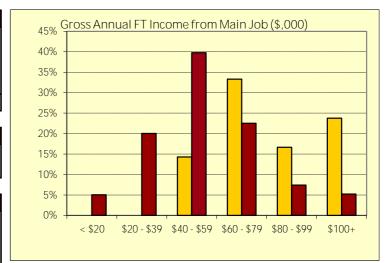
22.	"Under-employment" Assessment:	14.0901		SYSTEN	Л
	Job is very or somewhat related to program	51	94%	6,561	75%
	NOC Skill Level = A (University Education)*	53	100%	5,584	65%
	* Of total valid responses				

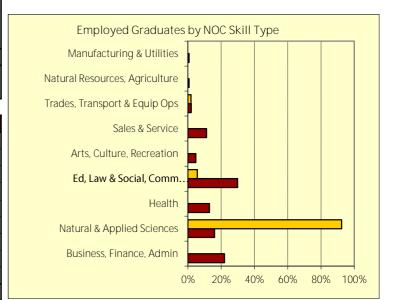
Gross Annual Income from Main Job:*	14.0901		SYSTEM	
Less than \$20,000	~ ~		311	5%
\$20,000 to \$39,999	~ ~		1,239	20%
\$40,000 to \$59,999	6	14%	2,459	40%
\$60,000 to \$79,999	14	33%	1,392	23%
\$80,000 to \$99,999	7	17%	458	7%
\$100,000 and Above	10	24%	325	5%
Total	42	100%	6,184	100%
Median Annual Income (full-time)	\$73,500		\$52,000	
Average Annual Income (full-time)	\$82,869		\$57,523	

* Where data provided				
NOC Skill Type of Main Job:	14.090	1	SYSTEM	
Business, finance & administration	-	0%	1,870	22%
Natural & applied sciences & related	49	92%	1,351	16%
Health	-	0%	1,099	13%
Education, law and social, community & government	3	6%	2,535	30%
Art, culture, recreation & sport	-	0%	405	5%
Sales & service	-	0%	943	11%
Trades, transport & equipment operators & related	1	2%	166	2%
Natural resources, agriculture & related production	-	0%	56	1%
Manufacturing & utilities	-	0%	59	1%
Total	53	100%	8,484	100%











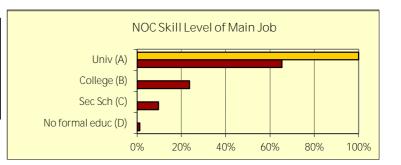
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100%

EMPLOYMENT, continued

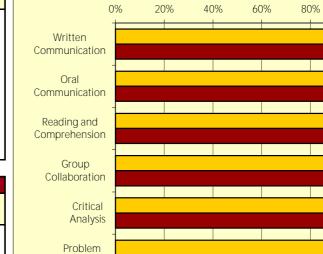
NOC Skill Level of Main Job:	14.09	14.0901		TEM
A. University education	53	100%	5,584	65%
B. College education/trade apprenticeship	-	0%	2,020	24%
C. Secondary school + job-specific training	-	0%	830	10%
D. No formal education	-	0%	108	1%
Total	53	100%	8,542	100%



Useful Skills (Very + Somewhat Useful)

26a.

		14.0901				
How useful are the following skills and	Very	Somewhat	Not Very	Not at all	#	
abilities in doing your main job?	Useful	Useful	Useful	Useful	Resp.	
Written Communication	48%	48%	4%	0%	54	
Oral Communication	74%	20%	6%	0%	54	
Reading and Comprehension	72%	22%	6%	0%	54	
Group Collaboration	74%	24%	2%	0%	54	
Critical Analysis	87%	11%	2%	0%	54	
Problem Resolution	81%	17%	2%	0%	54	
Use of Mathematics Appropriate to Field	20%	39%	22%	19%	54	
Ability to Conduct Research	30%	39%	20%	11%	54	
Learning On Your Own	81%	19%	0%	0%	54	



Resolution

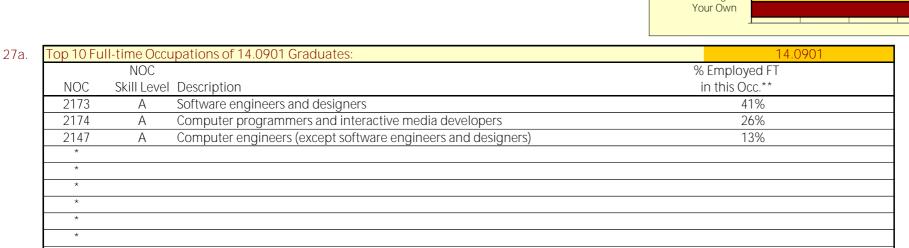
Conduct Research

Learning On

Use of Mathematics

26b.

	SYSTEM				
How useful are the following skills and	Very	Somewhat	Not Very	Not at all	#
abilities in doing your main job?	Useful	Useful	Useful	Useful	Resp.
Written Communication	69%	24%	5%	2%	8,796
Oral Communication	78%	18%	2%	1%	8,798
Reading and Comprehension	74%	21%	4%	1%	8,799
Group Collaboration	81%	16%	2%	1%	8,794
Critical Analysis	77%	19%	3%	1%	8,797
Problem Resolution	81%	17%	2%	1%	8,799
Use of Mathematics Appropriate to Field	33%	36%	19%	11%	8,676
Ability to Conduct Research	38%	36%	17%	9%	8,721
Learning On Your Own	71%	25%	3%	1%	8,788



^{*} Data not displayed where n < 5

^{**} Percentages cited are of those for whom occupational data was provided, full-time and part-time

27b.	Top 10 Fu	ıII-time Occı	upations of Graduates from All Institutions:	SYSTEM
		NOC		% Employed FT
	NOC	Skill Level	Description	in this Occ.**
	3012	А	Registered nurses and registered psychiatric nurses	7%
	4032	А	Elementary school and kindergarten teachers	5%
	1111	А	Financial auditors and accountants	4%
	4031	А	Secondary school teachers	2%
	4212	В	Social and community service workers	2%
	2174	Α	Computer programmers and interactive media developers	2%
	1123	А	Professional occupations in advertising, marketing and public relations	2%
	XXXX	0	Unclassified occupations	2%
	2173	А	Software engineers and designers	2%
	4112	А	Lawyers and Quebec notaries	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those for whom occupational data was provided, full-time and part-time

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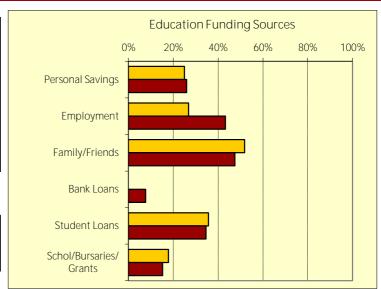
EDUCATION FINANCING

28. Funding Sources (2 sources allowed):	14.0901		SYSTEM	
Personal Savings	14	25%*	2,709	26%*
Employment	15	27%*	4,513	43%*
Family/Friends	29	52%*	4,957	47%*
Bank Loans	-	0%*	803	8%*
Student Loans	20	36%*	3,616	35%*
Scholarships/Bursaries/Grants	10	18%*	1,588	15%*
Other	18	32%*	944	9%*
Total	56		10.438	

^{*} Percentage of respondents who identified this source

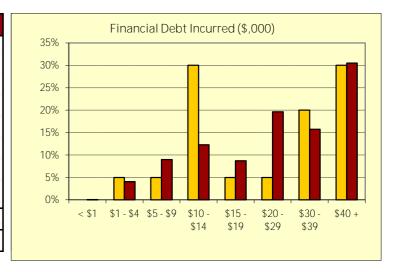


^{*} Percentage of respondents who provided data



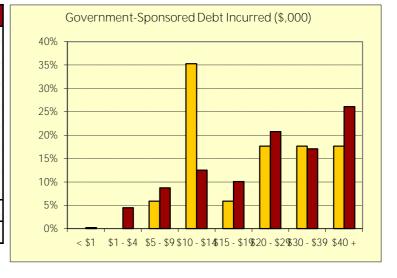
Financial Debt Amount:*	14.09	01	SYSTEM	
< \$1,000	-	0%	4	0%
\$1,000 to \$4,999	1	5%	178	4%
\$5,000 to \$9,999	1	5%	393	9%
\$10,000 to \$14,999	6	30%	538	12%
\$15,000 to \$19,999	1	5%	382	9%
\$20,000 to \$29,999	1	5%	861	20%
\$30,000 to \$39,999	4	20%	691	16%
\$40,000 or More	6	30%	1,337	30%
Total	20	100%	4,384	100%
Median Financial Debt	\$25,000		\$25,000	

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

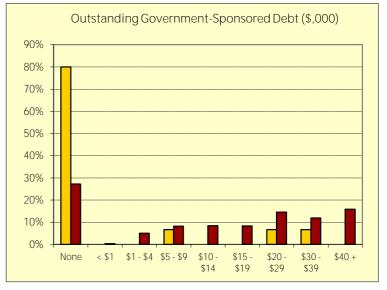


Gov't-Sponsored Student Loan Debt Amount:*	14.0901		SYSTEM	
< \$1,000	-	0%	7	0%
\$1,000 to \$4,999	-	0%	149	5%
\$5,000 to \$9,999	1	6%	289	9%
\$10,000 to \$14,999	6	35%	414	13%
\$15,000 to \$19,999	1	6%	334	10%
\$20,000 to \$29,999	3	18%	688	21%
\$30,000 to \$39,999	3	18%	566	17%
\$40,000 or More	3	18%	864	26%
Total	17	100%	3,311	100%
Median Gov't-Sponsored Student Loan Debt	\$20,000		\$25,000	

^{&#}x27;Includes only cases where government-sponsored debt was incurred



Gov't-Sponsored Loan Debt Outstanding:*	14.090	1	SYSTEM		
None - Loan repaid in full	12	80%	856	27%	
< \$1,000	-	0%	12	0%	
\$1,000 to \$4,999	-	0%	158	5%	
\$5,000 to \$9,999	1	7%	259	8%	
\$10,000 to \$14,999	-	0%	266	8%	
\$15,000 to \$19,999	-	0%	262	8%	
\$20,000 to \$29,999	1	7%	459	15%	
\$30,000 to \$39,999	1	7%	374	12%	
\$40,000 or More	-	0%	497	16%	
Total	15	100%	3,143	100%	
Median Gov't-Sponsored Loan Debt Outstanding**	\$20,000	\$22,000			



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