

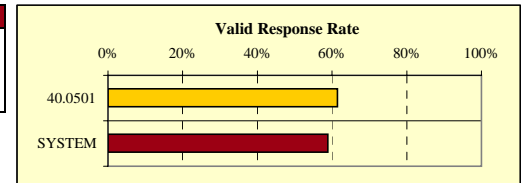
B.C. University Student Outcomes 2006 Survey of 2004 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 40.0501: Chemistry, General

SYSTEM
40.0501

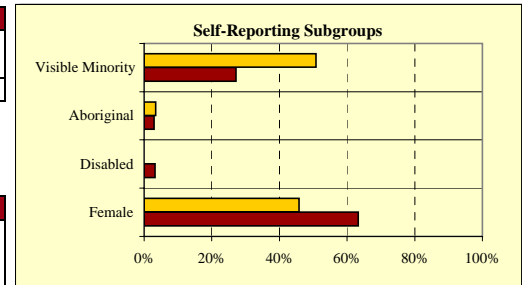
RESPONSE RATE

1. Survey Response Rate:	40.0501	SYSTEM
2004 Baccalaureate Graduates Survey Cohort	111	15,605
Net Frame	96	13,595
Survey Respondents and Valid Response Rate	59	8,009
	61%	59%



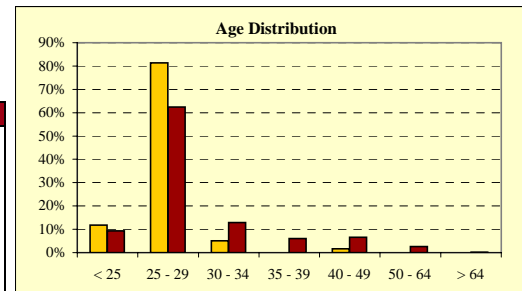
DEMOGRAPHIC INFORMATION

2. Gender:	40.0501	SYSTEM
Male	32	2,941
Female	27	5,067
Total	59	8,008
	100%	100%

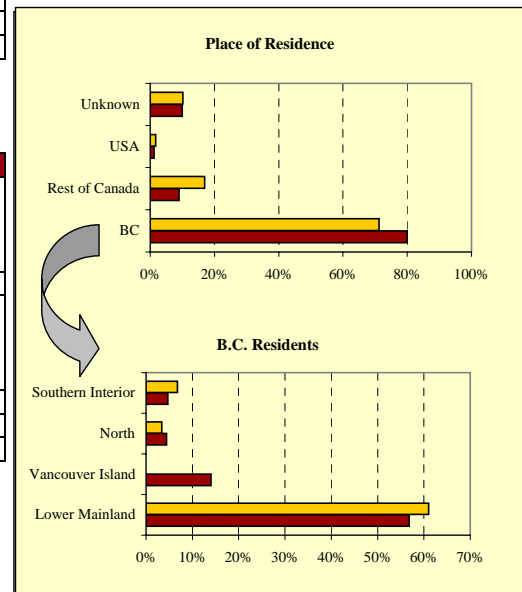


3. Self-Reporting Subgroups:	40.0501	SYSTEM
Disabled	-	260
Aboriginal	2	232
Visible Minority	30	2,172
	0%	3%
	3%	3%
	51%	27%

4. Age (at time of survey):	40.0501	SYSTEM
< 25	7	748
25 to 29	48	4,997
30 to 34	3	1,036
35 to 39	-	478
40 to 49	1	528
50 to 64	-	213
> 64	-	9
Unknown	-	-
Total	59	8,009
Mean Age:	26.4	29.0



5. Place of Residence (at time of survey):	40.0501	SYSTEM
BC - Lower Mainland	36	4,549
BC - Vancouver Island	-	1,124
BC - North	2	353
BC - Southern Interior	4	376
BC Subtotal	42	6,402
Canada - Alberta	4	310
Canada - Ontario	3	240
Canada - Other	3	164
U.S.A.	1	94
Non-BC Subtotal	11	808
Unknown	6	799
Total	59	8,009
	100%	100%



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All Institutions

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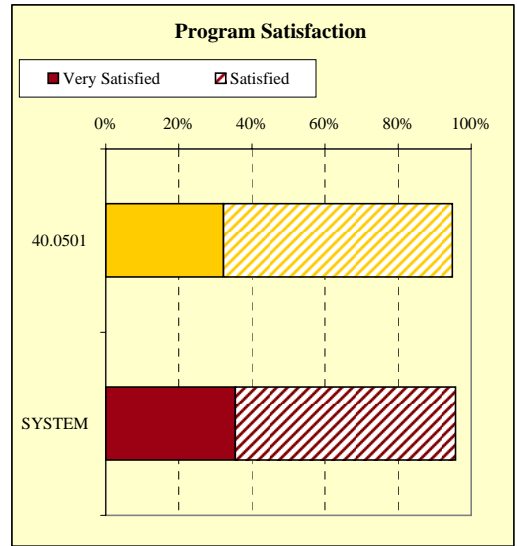
■ SYSTEM
■ 40.0501

EDUCATION EVALUATION AND SKILL DEVELOPMENT

6. Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0501	SYSTEM
Very Useful	16 41%	2,934 44%
Somewhat Useful	13 33%	2,942 44%
Not Very Useful	6 15%	565 8%
Not at All Useful	4 10%	247 4%

7. Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Day-to-day Life:	40.0501	SYSTEM
Very Useful	6 15%	2,013 30%
Somewhat Useful	20 51%	3,611 54%
Not Very Useful	11 28%	890 13%
Not at All Useful	2 5%	179 3%

8. Program Satisfaction:	40.0501	SYSTEM
Very Satisfied	19 32%	2,832 35%
Satisfied	37 63%	4,816 60%
Dissatisfied	3 5%	288 4%
Very Dissatisfied	- 0%	51 1%
Total	59 100%	7,987 100%



9. Would you select the same program again?	40.0501	SYSTEM
Yes	42 76%	6,053 79%
No, because . . . (multiple response question)	13	1,565
. . . interests have changed	9 60%*	468 17%*
. . . courses were not practical	- 0%*	597 22%*
. . . little or no career opportunities	3 20%*	505 18%*
. . . other	3 20%*	1,197 43%*

* Percent of total responses, among those who would not take program again

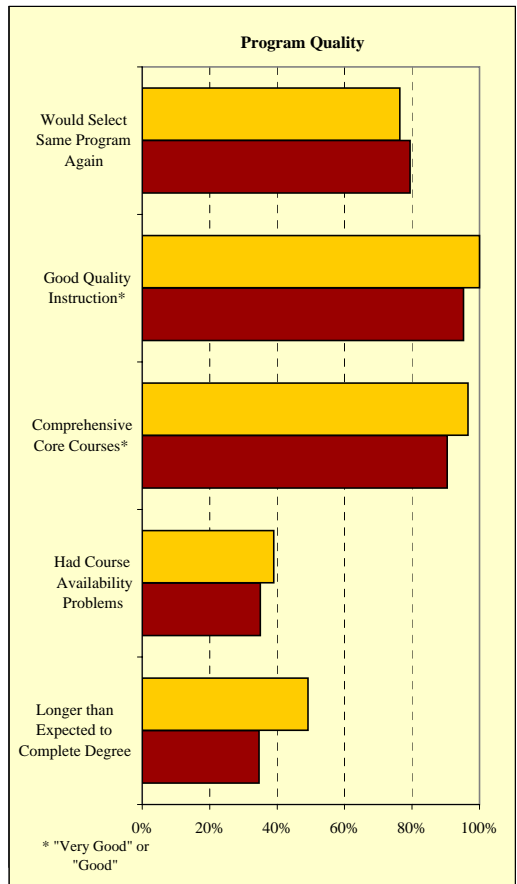
10. Quality of Instruction:	40.0501	SYSTEM
Very Good	22 37%	2,490 31%
Good	37 63%	5,096 64%
Poor	- 0%	348 4%
Very Poor	- 0%	28 0%
Total	59 100%	7,962 100%

11. Comprehensiveness of Core Courses:	40.0501	SYSTEM
Very Good	18 31%	2,045 26%
Good	39 66%	5,069 64%
Poor	2 3%	704 9%
Very Poor	- 0%	53 1%
Total	59 100%	7,871 100%

12. Course Availability:	40.0501	SYSTEM
Encountered course availability problems	23 39%	2,753 35%

13. Degree Completion:	40.0501	SYSTEM
Took longer than expected to complete degree	29 49%	2,770 35%
Top 4 reasons for prolonged degree completion (multiple response question):		
Personal or family reasons	3 6%*	401 8%*
Financial reasons / work	1 2%*	468 9%*
Change of major/program/specialization	5 11%*	403 8%*
Involvement in co-op program extended completion time	11 23%*	451 9%*
Other reason(s)	27 57%*	3,253 65%*

* Percent of total responses, among those who took longer than expected to complete degree



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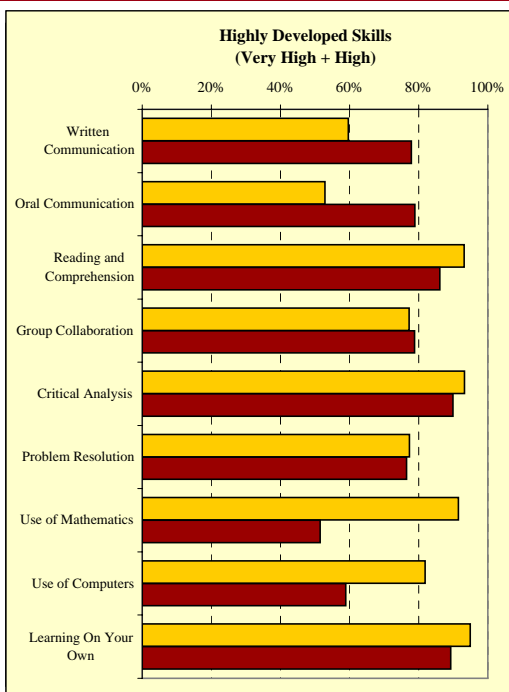
SKILL DEVELOPMENT

14a.

To what degree did program help you develop the following skills?	40.0501					# Resp.
	Very High	High	Low	Very Low		
	Written Communication	11%	49%	39%	2%	
Oral Communication	11%	42%	43%	4%	53	
Reading and Comprehension	31%	62%	7%	0%	58	
Group Collaboration	30%	47%	21%	2%	57	
Critical Analysis	58%	36%	5%	2%	59	
Problem Resolution	25%	53%	19%	4%	53	
Use of Mathematics Appropriate to Field	49%	42%	8%	0%	59	
Use of Computers Appropriate to Field	20%	62%	16%	2%	55	
Learning On Your Own	42%	53%	3%	2%	59	

14b.

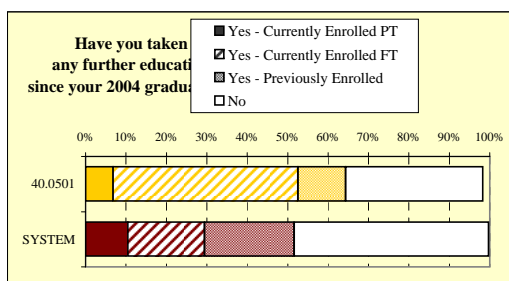
To what degree did program help you develop the following skills?	SYSTEM					# Resp.
	Very High	High	Low	Very Low		
	Written Communication	24%	54%	19%	3%	
Oral Communication	23%	56%	19%	2%	7,662	
Reading and Comprehension	31%	55%	12%	2%	7,627	
Group Collaboration	32%	46%	18%	3%	7,670	
Critical Analysis	41%	49%	9%	1%	7,885	
Problem Resolution	21%	55%	21%	2%	7,577	
Use of Mathematics Appropriate to Field	17%	35%	35%	14%	5,873	
Use of Computers Appropriate to Field	20%	39%	31%	10%	6,615	
Learning On Your Own	38%	52%	9%	2%	7,713	



FURTHER EDUCATION

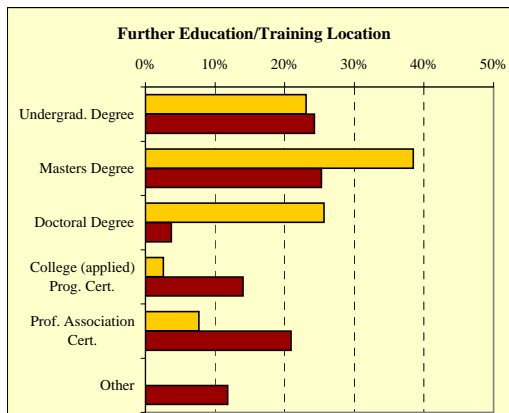
15.

Took further education since 2004 graduation	40.0501	SYSTEM		
Yes:	39	66%	4,158	52%
Not currently enrolled	7	12%	1,779	22%
Currently enrolled full-time	27	46%	1,520	19%
Currently enrolled part-time	4	7%	838	10%
No	20	34%	3,851	48%
Total	59	100%	8,009	100%



16.

Type of Formal Post-Secondary Education	40.0501	SYSTEM		
Undergraduate Degree	9	23%	995	24%
Masters Degree	15	38%	1,036	25%
Doctoral Degree	10	26%	152	4%
College (applied) Program Certification	1	3%	575	14%
Professional Association Certification	3	8%	858	21%
Other	-	0%	485	12%
Total Respondents	38	97%	4,101	100%

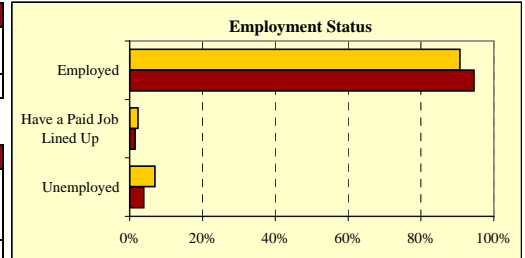


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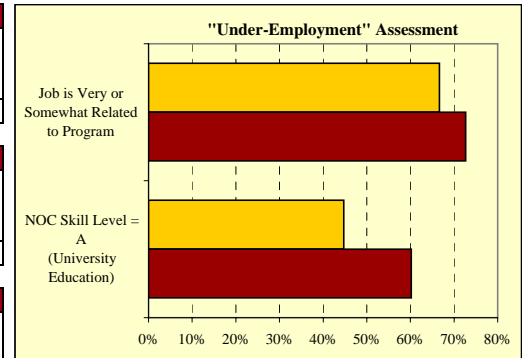
EMPLOYMENT

17. Labour Force Status:	40.0501	SYSTEM
In Labour Force (working or seeking work)	43 74%	7,092 89%
Not in Labour Force	15 26%	905 11%
Grand Total	58 100%	7,997 100%



18. Employment Status of those IN Labour Force:	40.0501	SYSTEM
Employed	39 91%	6,707 95%
Have a Paid Job Lined Up	1 2%	109 2%
Unemployed	3 7%	276 4%
Total Labour Force	43 100%	7,092 100%

19. Status of Graduates NOT in Labour Force:	40.0501	SYSTEM
Attending School FT	15 100%	677 75%
Attending School PT	- 0%	32 4%
Other	- 0%	196 22%
Total NOT in Labour Force	15 100%	905 100%

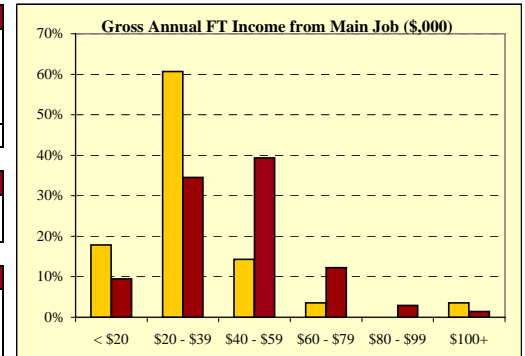


20. Employment Type:	40.0501	SYSTEM
Paid worker	35 90%	6,048 90%
Self-employed	2 5%	356 5%
Both a paid worker and self-employed	2 5%	300 4%
Total Employed	39 100%	6,707 100%

21. Job Characteristics:	40.0501	SYSTEM
I hold more than one job	7 18%*	1,333 20%
My main job is full-time (>= 30 hours per week)	31 82%**	5,464 84%*

* of total employed ** of those who provided data on hours/week worked

22. How related is your main job to your program?	40.0501	SYSTEM
Very Related	16 41%	3,006 45%
Somewhat Related	10 26%	1,865 28%
Not Very Related	3 8%	810 12%
Not At All Related	10 26%	1,020 15%
Total	39 100%	6,701 100%



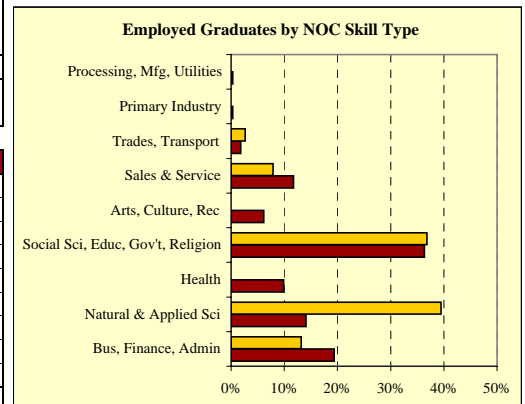
23. "Under-employment" Assessment:	40.0501	SYSTEM
Job is very or somewhat related to program	26 67%	4,871 73%
NOC Skill Level = A (University Education)	17 45%	3,972 60%

* of total valid responses

24. Gross Annual Income from Main Job:*	40.0501	SYSTEM
Less than \$20,000	5 18%	552 9%
\$20,000 to \$39,999	17 61%	2,009 35%
\$40,000 to \$59,999	4 14%	2,290 39%
\$60,000 to \$79,999	1 4%	714 12%
\$80,000 to \$99,999	- 0%	171 3%
\$100,000 and Above	1 4%	85 1%
Total	28 100%	5,821 100%
Median Annual Income (full-time)	\$30,000	\$43,000
Average Annual Income (full-time)	\$36,717	\$46,444

* where data provided

25. NOC Skill Type of Main Job:	40.0501	SYSTEM
Business, Finance and Administration	5 13%	1,274 19%
Natural and Applied Sciences and Related	15 39%	927 14%
Health	- 0%	650 10%
Social Sciences, Educ., Gov't Services, Religion	14 37%	2,389 36%
Arts, Culture, Recreation and Sport	- 0%	404 6%
Sales and Service	3 8%	772 12%
Trades, Transport and Equip. Operators and Related	1 3%	117 2%
Unique to the Primary Industry	- 0%	21 0%
Unique to Processing, Manufacturing and Utilities	- 0%	18 0%
Total	38 100%	6,572 100%

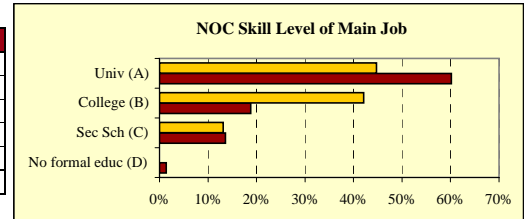


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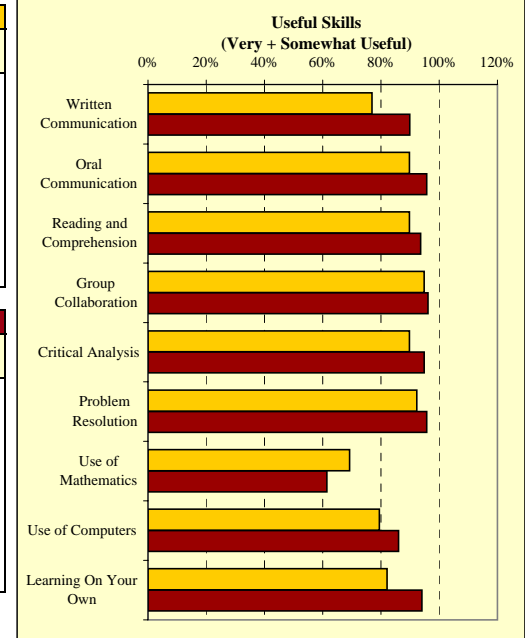
■ SYSTEM
 ■ 40.0501

EMPLOYMENT, continued

26. NOC Skill Level of Main Job:	40.0501	SYSTEM		
A. University education	17	45%	3,972	60%
B. College education/trade apprenticeship	16	42%	1,240	19%
C. Secondary school + job-specific training	5	13%	899	14%
D. No formal education	-	0%	92	1%
No skill level assigned (management)	-	0%	397	6%
Total	38	100%	6,600	100%



27a. How useful are the following skills and abilities in doing your main job?	40.0501					#
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful		Resp.
Written Communication	41%	36%	13%	10%		39
Oral Communication	49%	41%	8%	3%		39
Reading and Comprehension	64%	26%	0%	7%		39
Group Collaboration	56%	38%	5%	0%		39
Critical Analysis	72%	18%	5%	5%		39
Problem Resolution	62%	31%	5%	3%		39
Use of Mathematics Appropriate to Field	38%	31%	15%	15%		39
Use of Computers Appropriate to Field	44%	36%	8%	13%		39
Learning On Your Own	54%	28%	13%	5%		39



27b. How useful are the following skills and abilities in doing your main job?	SYSTEM					#
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful		Resp.
Written Communication	67%	23%	6%	4%		6,696
Oral Communication	77%	19%	3%	1%		6,696
Reading and Comprehension	70%	23%	4%	2%		6,696
Group Collaboration	79%	17%	3%	1%		6,699
Critical Analysis	74%	20%	3%	2%		6,698
Problem Resolution	75%	20%	3%	1%		6,693
Use of Mathematics Appropriate to Field	25%	36%	22%	17%		6,675
Use of Computers Appropriate to Field	56%	30%	8%	6%		6,688
Learning On Your Own	68%	26%	4%	2%		6,690

28a. Top 10 Full-time Occupations of 40.0501 Graduates:	40.0501		
NOC Skill Level Description	% Employed FT in this Occ.**	Median FT Salary	
2211 B Applied Chemical Technicians	18%	\$43,500	
4122 A Post-Sec Teaching & Research Asstnts	18%	\$20,000	
2112 A Chemists	8%	\$37,500	
2113 A Geologists, Geochemists & Geophys	5%	\$100,000	
*			
*			
*			
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*data not displayed where n < 2

**percentages cited are of those for whom occupational data was provided, full-time and part-time

28b. Top 10 Full-time Occupations of Graduates from All Institutions:	SYSTEM		
NOC Skill Level Description	% Employed FT in this Occ.**	Median FT Salary	
4141 A Secondary School Teachers	8%	\$42,000	
4142 A Elem & Kindergarten Teacher	7%	\$40,000	
3152 A Registered Nurses	5%	\$56,330	
1111 A Financial Auditors & Acnts	3%	\$42,500	
2174 A Computer Programmers/Interactive Media Developers	2%	\$50,000	
5124 A Occs in Public Relations & Comm	2%	\$42,000	
4112 A Lawyers & Quebec Notaries	2%	\$70,000	
1232 B Loan Officers	1%	\$40,000	
2173 A Software Engineers	1%	\$56,000	
4152 A Social Workers	1%	\$48,000	

*data not displayed where n < 2

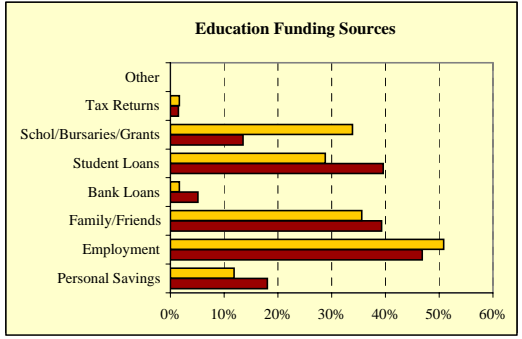
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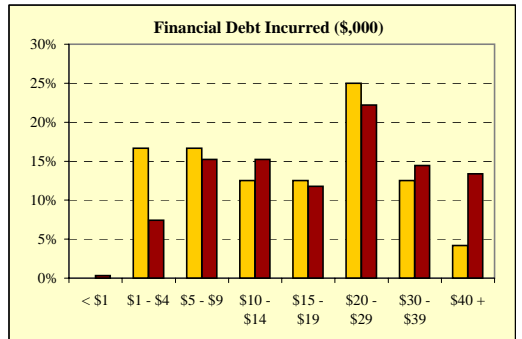
EDUCATION FINANCING

29. Education Funding Sources (2 sources per respondent):	40.0501	SYSTEM
Personal Savings	7 12%*	1,444 18%*
Employment	30 51%*	3,752 47%*
Family/Friends	21 36%*	3,146 39%*
Bank Loans	1 2%*	409 5%*
Student Loans	17 29%*	3,168 40%*
Scholarships/Bursaries/Grants	20 34%*	1,082 14%*
Tax Returns	1 2%*	120 1%*
Other	- 0%*	- 0%*
Total Respondents	59	8,009

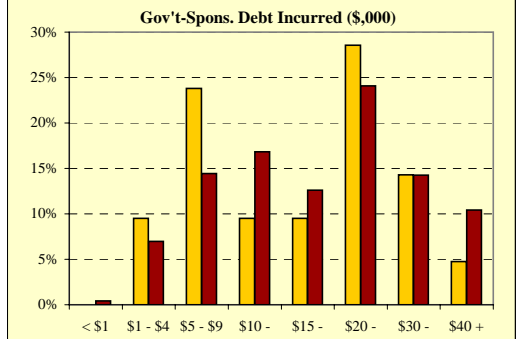


30. Financial Debt Incurred to Finance Univ. Education:	40.0501	SYSTEM
Incurred any form of financial debt	24 41%*	3,818 48%
Incurred government-sponsored student loan debt	21 36%*	3,190 40%

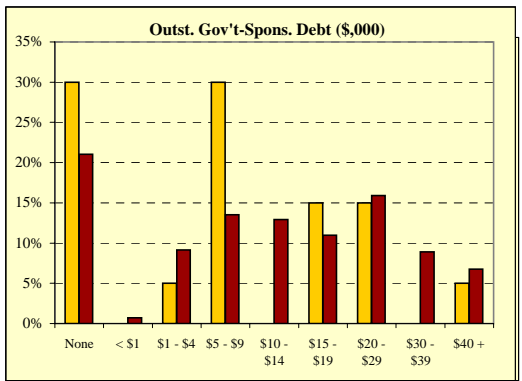
31. Financial Debt Amount:*	40.0501	SYSTEM
< \$1,000	- 0%	12 0%
\$1,000 to \$4,999	4 17%	284 7%
\$5,000 to \$9,999	4 17%	582 15%
\$10,000 to \$14,999	3 13%	581 15%
\$15,000 to \$19,999	3 13%	449 12%
\$20,000 to \$29,999	6 25%	847 22%
\$30,000 to \$39,999	3 13%	552 14%
\$40,000 or More	1 4%	511 13%
Total	24 100%	3,818 100%
Median Financial Debt	\$15,000	\$20,000



32. Government-Sponsored Student Loan Debt Amount:*	40.0501	SYSTEM
< \$1,000	- 0%	14 0%
\$1,000 to \$4,999	2 10%	222 7%
\$5,000 to \$9,999	5 24%	460 14%
\$10,000 to \$14,999	2 10%	537 17%
\$15,000 to \$19,999	2 10%	402 13%
\$20,000 to \$29,999	6 29%	768 24%
\$30,000 to \$39,999	3 14%	455 14%
\$40,000 or More	1 5%	332 10%
Total	21 100%	3,190 100%
Median Gov't-Sponsored Student Loan Debt	\$15,000	\$18,000



33. Outstanding Gov't-Sponsored Loan Debt Amount:*	40.0501	SYSTEM
None - Loan repaid in full	6 30%	644 21%
< \$1,000	- 0%	22 1%
\$1,000 to \$4,999	1 5%	280 9%
\$5,000 to \$9,999	6 30%	414 14%
\$10,000 to \$14,999	- 0%	395 13%
\$15,000 to \$19,999	3 15%	336 11%
\$20,000 to \$29,999	3 15%	487 16%
\$30,000 to \$39,999	- 0%	273 9%
\$40,000 or More	1 5%	207 7%
Total	20 100%	3,058 100%
Median Gov't-Sponsored Loan Debt Outstanding	\$6,500	\$11,000



* Percentage of respondents who identified this source

* 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

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SYSTEM
40.0501

SPECIAL SECTION ON INTERNATIONAL EDUCATION

42. In your employment since graduation, how important has it been for you to understand the following international skills/issues?

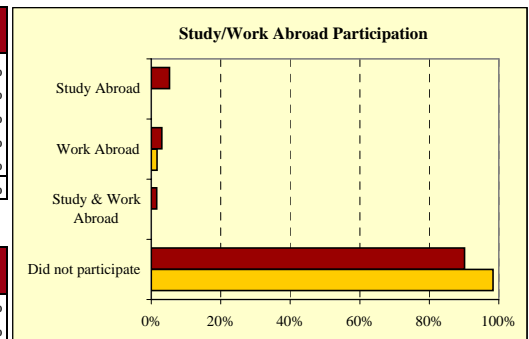
International Skill	40.0501						SYSTEM					
	Very Important	Important	Not Very Important	Not at all Important	Not Applicable	Total Resp.	Very Important	Important	Not Very Important	Not at all Important	Not Applicable	Total Resp.
Speak a second language	17%	14%	27%	37%	5%	59	20%	22%	28%	28%	2%	7966
International Business Practices	7%	23%	32%	38%	0%	56	13%	27%	32%	28%	0%	7817
Global Issues	11%	46%	21%	21%	0%	56	26%	38%	22%	14%	0%	7835
Interconnections between local and global issues	11%	38%	27%	25%	0%	56	29%	41%	18%	12%	0%	7835
Knowledge and traditions of other countries and cultures	20%	29%	34%	18%	0%	56	40%	35%	16%	10%	0%	7840

43. How helpful was the institution in preparing you with the following international skills?

International Skill	40.0501						SYSTEM					
	Very Helpful	Helpful	Not Very Helpful	Not at all Helpful	Not Applicable	Total Resp.	Very Helpful	Helpful	Not Very Helpful	Not at all Helpful	Not Applicable	Total Resp.
Speak a second language	2%	10%	19%	10%	59%	59	5%	12%	18%	18%	48%	7985
International Business Practices	3%	10%	38%	48%	0%	58	6%	23%	34%	37%	0%	7838
Global Issues	7%	51%	24%	19%	0%	59	20%	47%	20%	13%	0%	7946
Interconnections between local and global issues	2%	33%	40%	25%	0%	57	19%	47%	22%	12%	0%	7930
Knowledge and traditions of other countries and cultures	5%	44%	34%	17%	0%	59	20%	46%	22%	11%	0%	7942

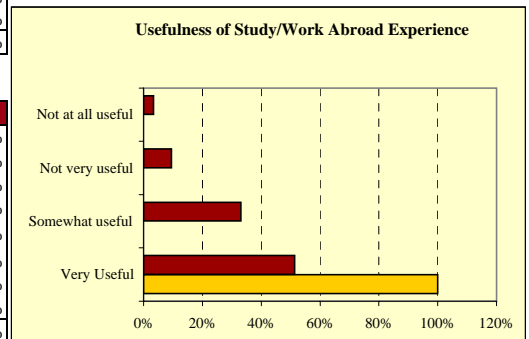
44. Did you study or work abroad during your program?

	40.0501		SYSTEM		
Yes:					
Study Abroad	1	2%	788	10%	
Work Abroad	-	0%	420	5%	
Study and work abroad	1	2%	243	3%	
No	58	98%	7,180	90%	
Total	59	100%	7,968	100%	



45. Usefulness of study or work abroad experiences to current job:*

	40.0501		SYSTEM		
Very Useful	1	100%	405	51%	
Somewhat useful	-	0%	261	33%	
Not very useful	-	0%	75	10%	
Not at all useful	-	0%	27	3%	
Total	1	100%	788	100%	



46. Reasons why you did not study or work abroad:

	40.0501		SYSTEM		
Not aware these opportunities exist	3	5%	705	10%	
Financial reasons	6	11%	1,135	16%	
Extended degree completion time	2	4%	341	5%	
Personal reasons (i.e. employment, family)	10	18%	1,394	20%	
No opportunities/Limited opportunities	4	7%	897	13%	
Not interested/ relevant/ required/ attractive	21	38%	1,747	25%	
Conflicts with schooling (course load too heavy)	8	14%	569	8%	
Other	2	4%	257	4%	
Total	56	100%	7,045	100%	