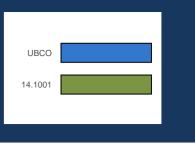
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

Detailed Summary of Survey Results University of British Columbia Okanagan 14.1001: Electrical and electronics engineering



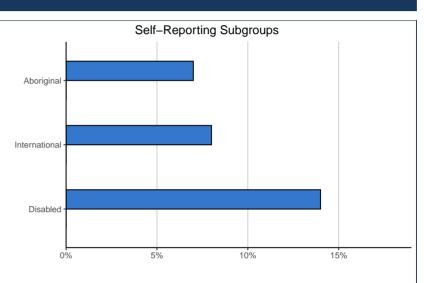
40%

		R	ESPONSE	RATE						
Survey Response Rate:	14.	1001	UE	SCO			Response	Rate		
Baccalaureate Graduates Survey Cohort	73	100%	1,531	100%	UBCO-					
Survey Respondents and Response Rate	27	37%	520	34%	0000					
					14.1001 -					
					0%	6 10	% 2	0% 30%	%	40

DEMOGRAPHIC INFORMATION

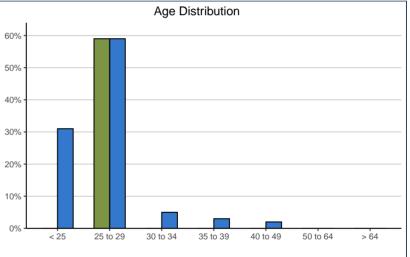
Self-Reporting Subgroups:	14.1001		UBCO	
Disabled	~	~	69	14%
International	~	~	39	8%
Aboriginal	0	0%	31	7%

Gender:*	14.1001		UBCO			
Male	22	81%	228	44%		
Female	5	19%	292	56%		
Total	27	100%	520	100%		
*Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.						

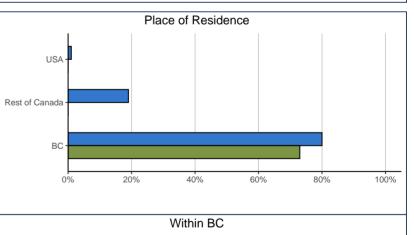


Age (a

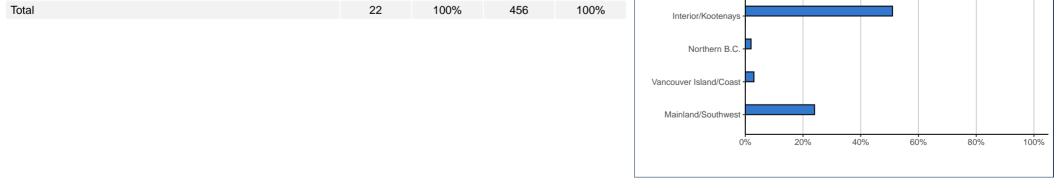
Age (at time of survey):	14.1	14.1001		4.1001 UBCO		CO
< 25	~	~	158	31%		
25 to 29	16	59%	304	59%		
30 to 34	~	~	26	5%		
35 to 39	0	0%	14	3%		
40 to 49	~	~	9	2%		
50 to 64	0	0%	~	~		
> 64	0	0%	~	~		
Total	27	100%	516	100%		
Median Age	26		25			
Average (mean) Age	28		26			



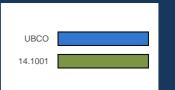
Place of Residence (at time of survey):	of Residence (at time of survey): 14.1001		UBCO		
BC – Mainland/Southwest	~	~	108	24%	
BC – Vancouver Island/Coast	0	0%	14	3%	
BC – Northern B.C.	0	0%	10	2%	
BC – Interior/Kootenays	~	~	231	51%	
BC Subtotal	16	73%	363	80%	
Canada – Alberta	~	~	53	12%	
Canada – Ontario	~	~	19	4%	
Canada – Other	~	~	15	3%	
U.S.A.	~	~	6	1%	
Non-BC Subtotal	6	27%	93	20%	



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Detailed Summary of Survey Results University of British Columbia Okanagan 14.1001: Electrical and electronics engineering

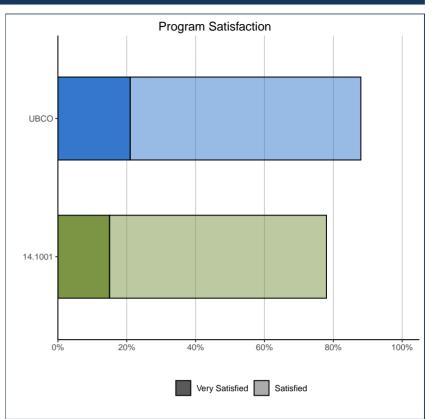


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.	14.1001		СО
Very Satisfied	4	15%	109	21%
Satisfied	17	63%	342	67%
Dissatisfied	3	11%	54	11%
Very Dissatisfied	3	11%	9	2%
Total	27	100%	514	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.1001		UBCO	
Very Useful	5	20%	118	30%
Somewhat Useful	17	68%	196	50%
Not Very Useful	2	8%	65	17%
Not at All Useful	1	4%	13	3%
Total	25	100%	392	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.1001		UBCO		
Yes	1	4%	34	7%	
No	23	96%	474	93%	



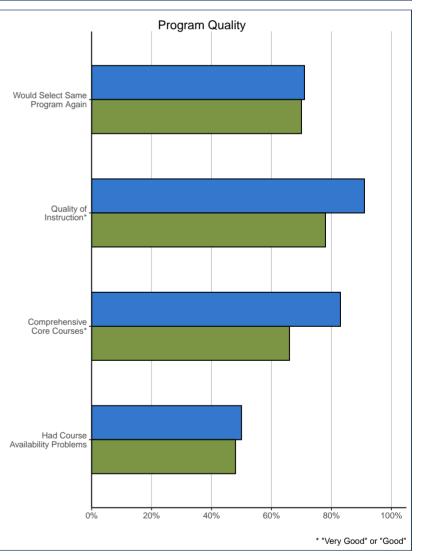
Would select the same program again:	14.1001		UBCO	
Yes	16	70%	327	71%
No	7	30%	131	29%

Quality of Instruction:	14.1001		UBCO	
Very Good	4	15%	111	21%
Good	17	63%	362	70%
Poor	3	11%	39	8%
Very Poor	3	11%	7	1%
Total	27	100%	519	100%

Comprehensiveness of Core Courses:	14.1001		UBCO	
Very Good	2	7%	107	21%
Good	16	59%	321	62%
Poor	8	30%	80	16%
Very Poor	1	4%	8	2%
Total	27	100%	516	100%

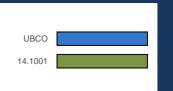
Course Availability:	14.1001		UBCO	
Encountered course availability problems	13	48%	252	50%

Financial Constraints:	14.1001		UBCO	
Had to interrupt studies for financial reasons	4	15%	42	8%
Had to take program part-time for financial reasons	3	11%	52	10%



Note: \sim indicates low cell count; data suppressed

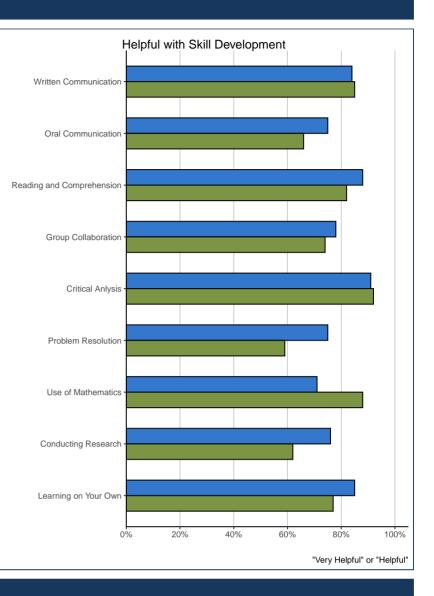
Detailed Summary of Survey Results University of British Columbia Okanagan 14.1001: Electrical and electronics engineering

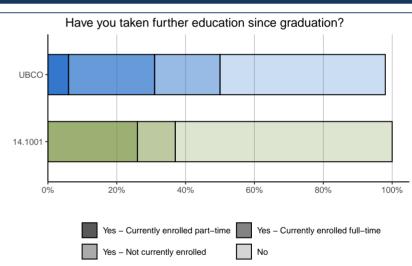


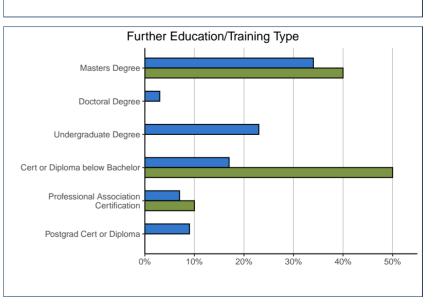
SKILL DEVELOPMENT

			14.1001		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	22%	63%	11%	4%	27
Oral Communication	7%	59%	26%	7%	27
Reading and Comprehension	19%	63%	15%	4%	27
Group Collaboration	22%	52%	22%	4%	27
Critical Anlysis	33%	59%	4%	4%	27
Problem Resolution	22%	37%	30%	11%	27
Use of Mathematics	44%	44%	11%	0%	27
Conducting Research	12%	50%	19%	19%	26
Learning on Your Own	50%	27%	15%	8%	26

		UBCO				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.	
Written Communication	26%	58%	13%	2%	503	
Oral Communication	17%	58%	22%	3%	507	
Reading and Comprehension	30%	58%	11%	1%	512	
Group Collaboration	24%	54%	20%	3%	512	
Critical Anlysis	43%	48%	8%	2%	513	
Problem Resolution	22%	53%	21%	3%	504	
Use of Mathematics	23%	48%	21%	7%	423	
Conducting Research	28%	48%	19%	5%	491	
Learning on Your Own	40%	45%	12%	2%	513	







FURTHER EDUCATION

UBCO

34%

3%

23%

17%

7%

89

8

60

44

19

14.1001		UBCO	
10	37%	266	52%
3	11%	100	19%
7	26%	131	25%
0	0%	32	6%
17	63%	250	48%
27	100%	516	100%
	10 3 7 0 17	10 37% 3 11% 7 26% 0 0% 17 63%	10 37% 266 3 11% 100 7 26% 131 0 0% 32 17 63% 250

Postgraduate Certificate or Diploma	0	0%	24	9%
Other	0	0%	17	7%
Total	10	100%	261	100%

14.1001

40%

0%

0%

50%

10%

4

0

0

5

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Type of Formal Post–Secondary Education:

Certificate or Diploma below Bachelor level

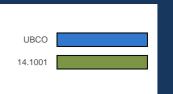
Professional Association Certification

Masters Degree

Doctoral Degree

Another Undergraduate Degree

Detailed Summary of Survey Results University of British Columbia Okanagan 14.1001: Electrical and electronics engineering

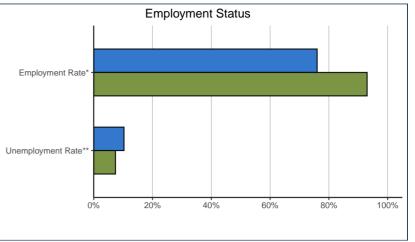


EMPLOYMENT

Labour Fource Status:	14.1001		UBCO	
In Labour Force (working or seeking work)	27	100%	438	86%
Not in Labour Force	0	0%	69	14%
Total	27	100%	507	100%

Employment:	14.1001		UB	CO
Employment Rate*	25	93%	393	76%
Unemployment Rate**	2	7.4%	45	10.3%
*Percent = Total employed divided by total number of respondents				

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



Status of Graduates NOT in Labour Force:	14.1001		UBCO	
Attending School FT	0	0%	58	84%
Attending School PT	0	0%	1	1%
Other	0	0%	10	14%
Total NOT in Labour Force	0	0%	69	100%

Primary Employment Type:	14.1001		UBCO	
Paid worker	24	96%	367	93%
Self-employed	1	4%	26	7%
Total	25	100%	393	100%

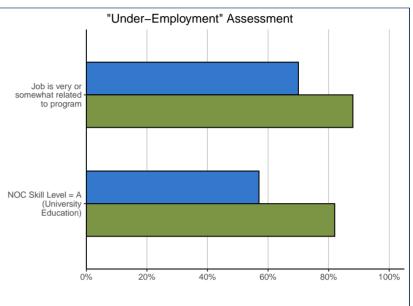
Job Characteristics:	eristics: 14.1001		UB	со
I hold more than one job*	2	8%	76	19%
My main job is full-time (>= 30 hours per week)**	22	92%	327	87%
*Of total Employed				

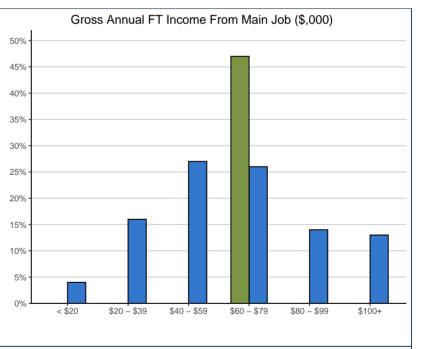


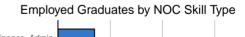
How related is your main job to your program?	14.1	14.1001		SCO
Very Related	8	32%	127	32%
Somewhat Related	14	56%	147	37%
Not Very Related	2	8%	52	13%
Not at All Related	1	4%	67	17%
Total	25	100%	393	100%

"Under-employment" Assessment:	14.1001		UB	со
Job is very or somewhat related to program	22	88%	274	70%
NOC Skill Level = A (University Education)*	18	82%	209	57%
*Of total valid responses				

Gross Annual Income from Main Job:*		14.1001		SCO
Less than \$20,000	0	0%	14	4%
\$20,000 to \$39,999	~	~	51	16%
\$40,000 to \$59,999	~	~	87	27%
\$60,000 to \$79,999	8	47%	83	26%
\$80,000 to \$99,999	~	~	44	14%
\$100,000 and Above	~	~	40	13%
Total	17	100%	319	100%
Median Annual Income (full-time) (\$)	70,00	0	64,000	
Average Annual Income (full-time) (\$)	77,23	0	71,267	
*Where data provided				

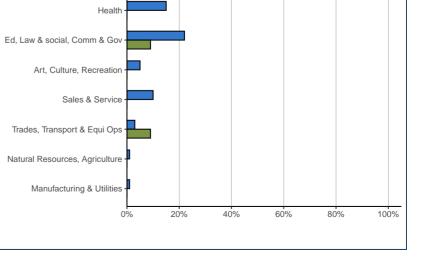






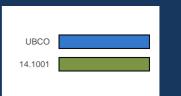


NOC Skill Type of Main Job:	14.1001		UBCO	
Business, finance & administration	0	0%	52	14%
Natural & applied sciences & related	18	82%	108	30%
Health	0	0%	56	15%
Education, law and social, community & government	2	9%	81	22%
Art, culture, recreation & sport	0	0%	18	5%
Sales & service	0	0%	35	10%
Trades, transport & equipment operators & related	2	9%	11	3%
Natural resources, agriculture & related production	0	0%	2	1%
Manufacturing & utilities	0	0%	3	1%
Total	22	100%	366	100%



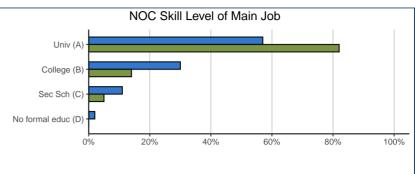
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Detailed Summary of Survey Results University of British Columbia Okanagan 14.1001: Electrical and electronics engineering



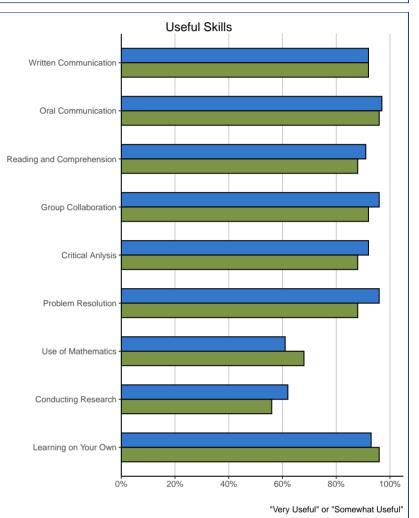
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1001		UBCO	
A. University education	18	82%	209	57%
B. College education/trade apprenticeship	3	14%	111	30%
C. Secondary school + job-specific training	1	5%	39	11%
D. No formal education	0	0%	7	2%
Total	22	100%	366	100%



		14.1001			
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	52%	40%	0%	8%	25
Oral Communication	64%	32%	0%	4%	25
Reading and Comprehension	60%	28%	4%	8%	25
Group Collaboration	48%	44%	4%	4%	25
Critical Anlysis	68%	20%	8%	4%	25
Problem Resolution	63%	25%	8%	4%	24
Use of Mathematics	32%	36%	24%	8%	25
Conducting Research	28%	28%	28%	16%	25
Learning on Your Own	60%	36%	0%	4%	25

		UBCO			
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	68%	24%	4%	5%	390
Oral Communication	78%	19%	2%	1%	391
Reading and Comprehension	63%	28%	6%	3%	391
Group Collaboration	76%	20%	3%	0%	391
Critical Anlysis	69%	23%	6%	2%	389
Problem Resolution	78%	18%	2%	2%	390
Use of Mathematics	25%	36%	21%	18%	382
Conducting Research	31%	31%	21%	16%	383
Learning on Your Own	66%	27%	4%	3%	390



Top 10 Full-time Octations of 14.1001 services14.1001NOCNOC Skill LevelDescription% Employed FT in this Occ.**2133AElectrical and electronics engineers24%2173ASoftware engineers and designers20%·---·<t

* Data not displayed where n < 5

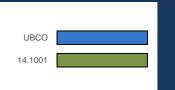
** Percentages cited are of those employed

NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	7%
XXXX	0	Unclassified occupations	4%
2132	A	Mechanical engineers	4%
2174	А	Computer programmers and interactive media developers	3%
4212	В	Social and community service workers	3%
2131	А	Civil engineers	3%
1221	В	Administrative officers	3%
2173	А	Software engineers and designers	3%
3144	A	Other professional occupations in therapy and assessment	2%
2221	В	Biological technologists and technicians	2%
*			

* Data not displayed where n < 5

** Percentages cited are of those employed

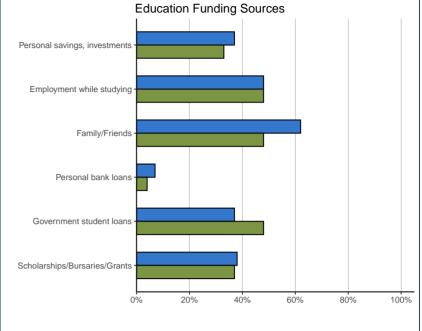
Detailed Summary of Survey Results University of British Columbia Okanagan 14.1001: Electrical and electronics engineering



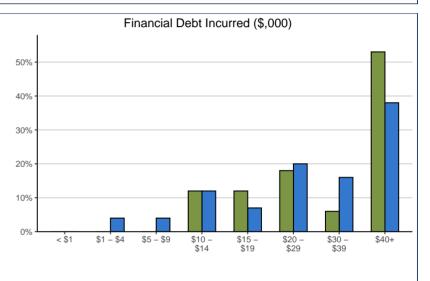
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.1001		CO
Personal savings, investments	9	33%	188	37%
Employment while studying	13	48%	244	48%
Family/Friends	13	48%	312	62%
Personal bank loans	1	4%	35	7%
Government student loans	13	48%	186	37%
Scholarships/Bursaries/Grants	10	37%	192	38%
Other	11	41%	90	18%
Total	27		507	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	14.	14.1001		CO
Incurred any form of financial debt	19	70%	250	49%
Incurred government-sponsored student loan debt	16	59%	213	41%
* Percentage of respondents who provided data				



Financial Debt Amount:*	14	14.1001		CO
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	9	4%
\$5,000 to \$9,999	0	0%	8	4%
\$10,000 to \$14,999	2	12%	26	12%
\$15,000 to \$19,999	2	12%	14	7%
\$20,000 to \$29,999	3	18%	41	20%
\$30,000 to \$39,999	1	6%	33	16%
\$40,000 or More	9	53%	79	38%
Total	17	100%	210	100%
Median Financial Debt (\$)	40,000		30,000	
* Includes only cases where financial debt was incu	rred			

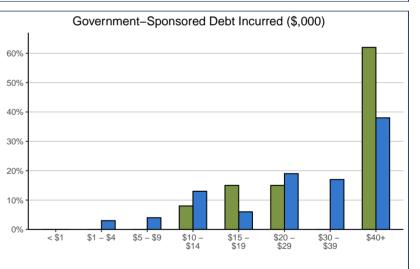


includes only cases where financial debt was incurred

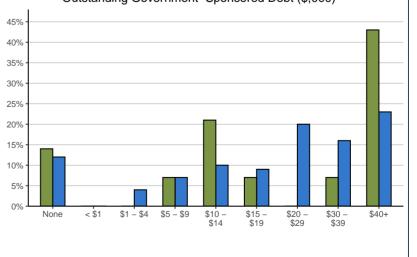
Gov't-Sponsored Student Loan Debt Amount:*	14.	14.1001		UBCO	
< \$1,000	0	0%	0	0%	
\$1,000 to \$4,999	0	0%	4	3%	
\$5,000 to \$9,999	0	0%	6	4%	
\$10,000 to \$14,999	1	8%	20	13%	
\$15,000 to \$19,999	2	15%	10	6%	
\$20,000 to \$29,999	2	15%	30	19%	
\$30,000 to \$39,999	0	0%	26	17%	
\$40,000 or More	8	62%	59	38%	
Total	13	100%	155	100%	
Median Gov't-Sponsored Loan Debt (\$)	42,000		30,000		

* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	14.	14.1001 U		UBCO	
None – Loan repaid in full	2	14%	21	12%	
< \$1,000	0	0%	0	0%	
\$1,000 to \$4,999	0	0%	7	4%	
\$5,000 to \$9,999	1	7%	12	7%	
\$10,000 to \$14,999	3	21%	18	10%	
\$15,000 to \$19,999	1	7%	15	9%	
\$20,000 to \$29,999	0	0%	34	20%	
\$30,000 to \$39,999	1	7%	27	16%	
\$40,000 or More	6	43%	39	23%	
Total	14	100%	173	100%	
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	39,076		27,000		



Outstanding Government–Sponsored Debt (\$,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