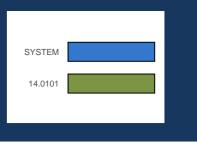
B.C. Baccalaureate Outcomes

2023 Survey of 2021 Baccalaureate Graduates

☑ BC Student ☑ Outcomes

Detailed Summary of Survey Results All Institutions 14.0101: Engineering, general



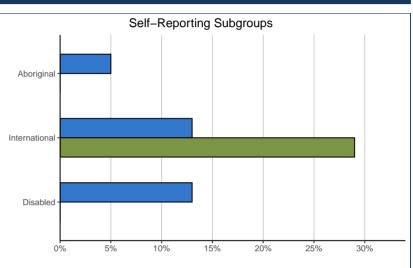
| | | F | RESPONSE | RATE | | | | | | |
|---------------------------------------|------|------|----------|------|-----------|-----|----------|-------|----|-----|
| Survey Response Rate: | 14.0 | 0101 | SYS | TEM | | | Response | Rate | | |
| Baccalaureate Graduates Survey Cohort | 221 | 100% | 25,962 | 100% | SYSTEM - | | | | | |
| Survey Respondents and Response Rate | 85 | 38% | 8,603 | 33% | STSTEM | | | | | |
| | | | | | 14.0101 - | | | | | |
| | | | | | 0% | 10% | 6 20 | 0% 30 | 0% | 40% |

DEMOGRAPHIC INFORMATION

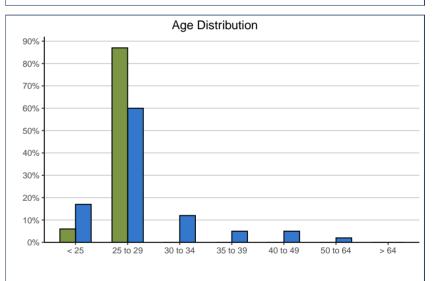
Г

| Self-Reporting Subgroups: | 14.0101 | | SYSTEM | |
|---------------------------|---------|-----|--------|-----|
| Disabled | ~ | ~ | 1,079 | 13% |
| International | 25 | 29% | 1,153 | 13% |
| Aboriginal | ~ | ~ | 330 | 5% |

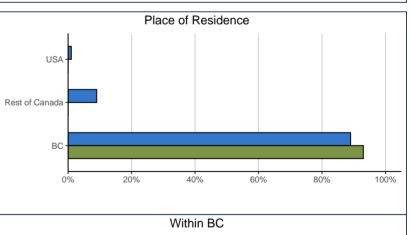
| Gender:* | 14.0101 | | SYSTEM | | |
|--|---------|------|--------|------|--|
| Male | 73 | 86% | 3,534 | 41% | |
| Female | 12 | 14% | 5,051 | 59% | |
| Total | 85 | 100% | 8,585 | 100% | |
| *Due to zero or low counts, institution-reported "Non-binary" demographic data are not included. | | | | | |



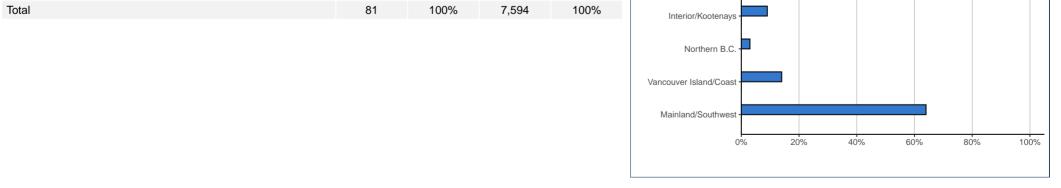
| Age (at time of survey): | 14. | 14.0101 | | ТЕМ |
|--------------------------|-----|---------|-------|------|
| < 25 | 5 | 6% | 1,417 | 17% |
| 25 to 29 | 74 | 87% | 5,150 | 60% |
| 30 to 34 | ~ | ~ | 994 | 12% |
| 35 to 39 | ~ | ~ | 417 | 5% |
| 40 to 49 | 0 | 0% | 407 | 5% |
| 50 to 64 | 0 | 0% | 175 | 2% |
| > 64 | 0 | 0% | 26 | 0% |
| Total | 85 | 100% | 8,586 | 100% |
| Median Age | 26 | | 26 | |
| Average (mean) Age | 27 | | 28 | |



| Place of Residence (at time of survey): | 14. | 14.0101 | | ТЕМ |
|---|-----|---------|-------|-----|
| 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 | 75 | 93% | 6,787 | 89% |
| Canada – Alberta | ~ | ~ | 328 | 4% |
| Canada – Ontario | 0 | 0% | 239 | 3% |
| Canada – Other | ~ | ~ | 165 | 2% |
| U.S.A. | ~ | ~ | 75 | 1% |
| Non-BC Subtotal | 6 | 7% | 807 | 11% |
| | | | | |

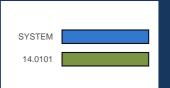


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☑ BC Student ☑ Outcomes

Detailed Summary of Survey Results All Institutions 14.0101: Engineering, general

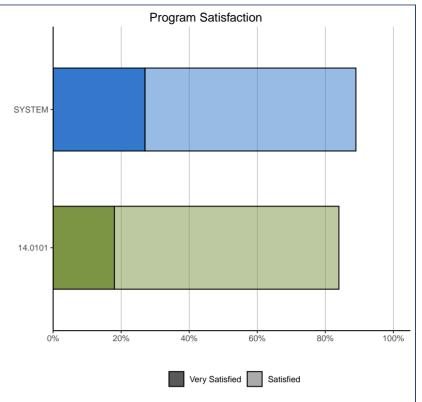


EDUCATION EVALUATION AND SKILL DEVELOPMENT

| Program Satisfaction: | 14.0101 | | eve | TEM |
|-----------------------|----------------|------|-------|------|
| riogram Sausiacuon. | 14.0101 SYSTEM | | | |
| Very Satisfied | 15 | 18% | 2,262 | 27% |
| Satisfied | 56 | 66% | 5,296 | 62% |
| Dissatisfied | 13 | 15% | 740 | 9% |
| Very Dissatisfied | 1 | 1% | 184 | 2% |
| Total | 85 | 100% | 8,482 | 100% |

| Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work: | 14.0101 | | SYSTEM | |
|--|---------|------|--------|------|
| Very Useful | 21 | 28% | 2,704 | 39% |
| Somewhat Useful | 39 | 53% | 3,247 | 46% |
| Not Very Useful | 13 | 18% | 814 | 12% |
| Not at All Useful | 1 | 1% | 250 | 4% |
| Total | 74 | 100% | 7,015 | 100% |

| Took upgrading, access, bridging, or other preparatory courses during or prior to studies: | 14.0101 | | SYSTEM | |
|--|---------|-----|--------|-----|
| Yes | 8 | 10% | 818 | 10% |
| No | 73 | 90% | 7,545 | 90% |



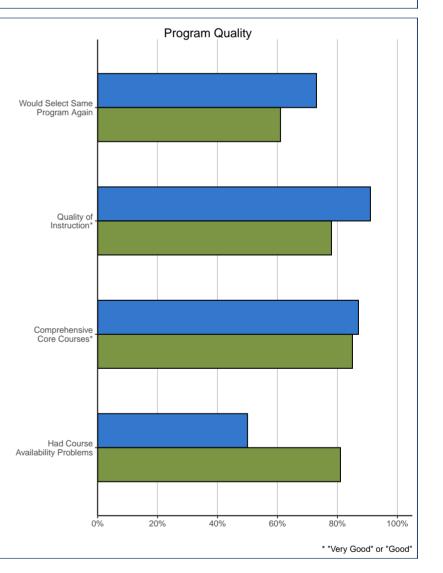
| Would select the same program again: | 14.0101 | | SYSTEM | |
|--------------------------------------|---------|-----|--------|-----|
| Yes | 49 | 61% | 5,501 | 73% |
| No | 31 | 39% | 2,019 | 27% |

| Quality of Instruction: | 14.0101 | | SYSTEM | |
|-------------------------|---------|------|--------|------|
| Very Good | 5 | 6% | 2,328 | 27% |
| Good | 60 | 72% | 5,423 | 64% |
| Poor | 16 | 19% | 649 | 8% |
| Very Poor | 2 | 2% | 131 | 2% |
| Total | 83 | 100% | 8,531 | 100% |

| Comprehensiveness of Core Courses: | 14.0101 | | SYSTEM | |
|------------------------------------|---------|------|--------|------|
| Very Good | 10 | 12% | 2,206 | 26% |
| Good | 61 | 73% | 5,161 | 61% |
| Poor | 12 | 14% | 862 | 10% |
| Very Poor | 1 | 1% | 171 | 2% |
| Total | 84 | 100% | 8,400 | 100% |

| Course Availability: | 14.0101 | | SYSTEM | |
|--|---------|-----|--------|-----|
| Encountered course availability problems | 69 | 81% | 4,193 | 50% |

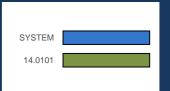
| Financial Constraints: | 14.0101 | | SYSTEM | |
|---|---------|----|--------|-----|
| Had to interrupt studies for financial reasons | 3 | 4% | 926 | 11% |
| Had to take program part-time for financial reasons | 8 | 9% | 1,545 | 18% |



Note: \sim indicates low cell count; data suppressed

☑ BC Student ☑ Outcomes

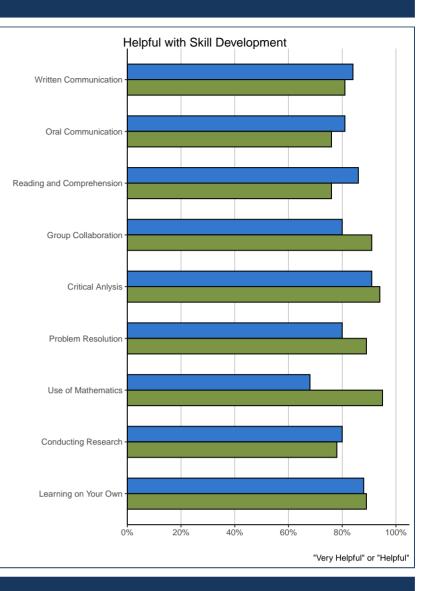
Detailed Summary of Survey Results All Institutions 14.0101: Engineering, general

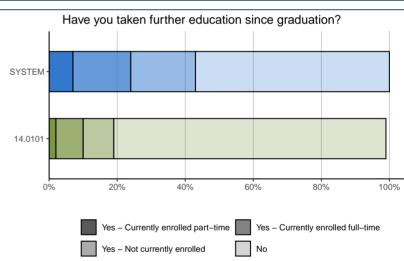


SKILL DEVELOPMENT

| | | 14.0101 | | | | |
|---|-----------------|---------|---------------------|-----------------------|---------|--|
| Skill Development: How helpful was institution? | Very Helpful | Helpful | Not Very Helpful | Not at All Helpful | # Resp. | |
| Written Communication | 11% | 70% | 16% | 4% | 83 | |
| Oral Communication | 18% | 58% | 21% | 4% | 80 | |
| Reading and Comprehension | 22% | 54% | 21% | 4% | 82 | |
| Group Collaboration | 39% | 52% | 7% | 2% | 83 | |
| Critical Anlysis | 39% | 55% | 6% | 0% | 83 | |
| Problem Resolution | 34% | 55% | 11% | 0% | 80 | |
| Use of Mathematics | 40% | 55% | 5% | 0% | 84 | |
| Conducting Research | 25% | 53% | 19% | 4% | 80 | |
| Learning on Your Own | 48% | 41% | 9% | 2% | 81 | |

| | | | SYSTEM | | |
|---|-----------------|---------|---------------------|-----------------------|---------|
| Skill Development: How helpful was institution? | 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 |





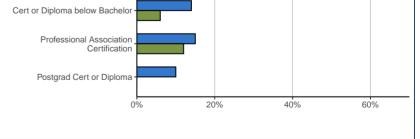
Further Education/Training Type

FURTHER EDUCATION

| Took further education since 2021 graduation: | 14.0 | 14.0101 | | SYSTEM | |
|---|------|---------|-------|--------|--|
| Yes | 17 | 20% | 3,668 | 43% | |
| Not currently enrolled | 8 | 9% | 1,580 | 19% | |
| Currently enrolled full-time | 7 | 8% | 1,472 | 17% | |
| Currently enrolled part-time | 2 | 2% | 565 | 7% | |
| No | 68 | 80% | 4,870 | 57% | |
| Total | 85 | 100% | 8,538 | 100% | |
| | | | | | |

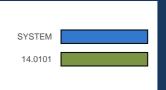
| Type of Formal Post–Secondary Education: | 14. | 0101 | SYS | ТЕМ |
|---|-----|------|-------|-----|
| Masters Degree | 11 | 65% | 1,184 | 33% |
| Doctoral Degree | 1 | 6% | 153 | 4% |
| Another Undergraduate Degree | 1 | 6% | 718 | 20% |
| Certificate or Diploma below Bachelor level | 1 | 6% | 510 | 14% |
| Professional Association Certification | 2 | 12% | 538 | 15% |
| Postgraduate Certificate or Diploma | 0 | 0% | 359 | 10% |

| i oolgiaddalo oorinioalo or Dipionia | 0 | 070 | 000 | 1070 |
|--------------------------------------|----|------|-------|------|
| Other | 1 | 6% | 162 | 4% |
| Total | 17 | 100% | 3,624 | 100% |
| | | | | |



☑ BC Student ☑ Outcomes

Detailed Summary of Survey Results All Institutions 14.0101: Engineering, general

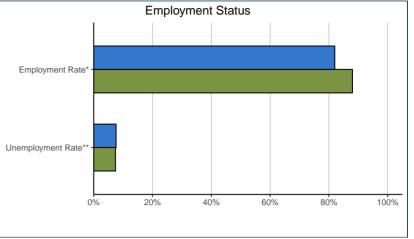


EMPLOYMENT

| | 14.0101 | | ГЕМ |
|----|---------|-------|--|
| 81 | 95% | 7,643 | 90% |
| 4 | 5% | 803 | 10% |
| 85 | 100% | 8,446 | 100% |
| | | | |
| | 4 85 | 4 5% | 4 5% 803 85 100% 8,446 |

| Employment: | 14.0101 | | SYS | TEM |
|--|---------|------|-------|------|
| Employment Rate* | 75 | 88% | 7,062 | 82% |
| Unemployment Rate** | 6 | 7.4% | 581 | 7.6% |
| *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: | 14.0101 | | SYSTEM | |
|--|---------|------|--------|------|
| Attending School FT | 3 | 75% | 565 | 70% |
| Attending School PT | 0 | 0% | 20 | 2% |
| Other | 1 | 25% | 218 | 27% |
| Total NOT in Labour Force | 4 | 100% | 803 | 100% |

| Primary Employment Type: | 14.0101 | | SYS | ТЕМ |
|--------------------------|---------|------|-------|------|
| Paid worker | 71 | 96% | 6,623 | 94% |
| Self-employed | 3 | 4% | 412 | 6% |
| Total | 74 | 100% | 7,035 | 100% |

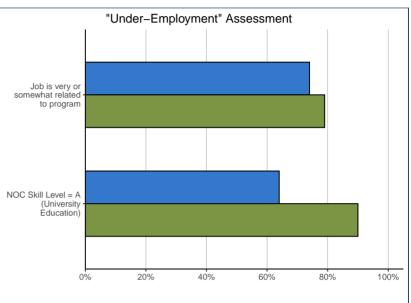
| Job Characteristics: | 14. | 14.0101 | | TEM |
|---|-----|---------|-------|-----|
| I hold more than one job* | 4 | 5% | 1,243 | 18% |
| My main job is full-time (>= 30 hours per week)** | 71 | 97% | 5,922 | 89% |
| *Of total Employed | | | | |

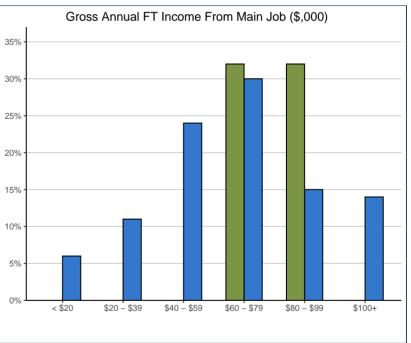


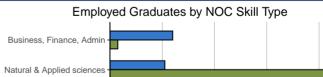
| How related is your main job to your program? | 14. | 14.0101 | | TEM |
|---|-----|---------|-------|------|
| Very Related | 24 | 32% | 3,081 | 44% |
| Somewhat Related | 35 | 47% | 2,151 | 31% |
| Not Very Related | 12 | 16% | 901 | 13% |
| Not at All Related | 4 | 5% | 910 | 13% |
| Total | 75 | 100% | 7,043 | 100% |

| "Under-employment" Assessment: | 14.0101 | | SYSTEM | |
|---|---------|-----|--------|-----|
| Job is very or somewhat related to program | 59 | 79% | 5,232 | 74% |
| NOC Skill Level = A (University Education)* | 61 | 90% | 4,148 | 64% |
| *Of total valid responses | | | | |

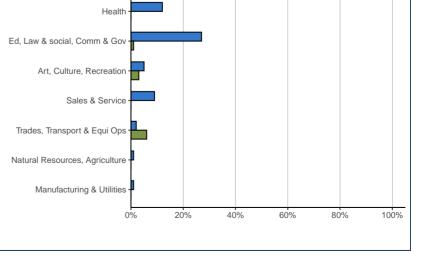
| Gross Annual Income from Main Job:* | 14. | 0101 | SYS | ТЕМ |
|--|--------|------|--------|------|
| Less than \$20,000 | ~ | ~ | 310 | 6% |
| \$20,000 to \$39,999 | ~ | ~ | 593 | 11% |
| \$40,000 to \$59,999 | ~ | ~ | 1,303 | 24% |
| \$60,000 to \$79,999 | 19 | 32% | 1,609 | 30% |
| \$80,000 to \$99,999 | 19 | 32% | 805 | 15% |
| \$100,000 and Above | ~ | ~ | 729 | 14% |
| Total | 60 | 100% | 5,349 | 100% |
| Median Annual Income (full-time) (\$) | 82,750 | | 68,000 | |
| Average Annual Income (full-time) (\$) | 88,958 | | 74,015 | |
| *Where data provided | | | | |







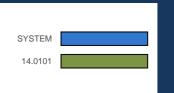
| | | | 8 | |
|---|-----|---------|-------|------|
| NOC Skill Type of Main Job: | 14. | 14.0101 | | TEM |
| Business, finance & administration | 2 | 3% | 1,558 | 24% |
| Natural & applied sciences & related | 59 | 87% | 1,354 | 21% |
| Health | 0 | 0% | 761 | 12% |
| Education, law and social, community & government | 1 | 1% | 1,787 | 27% |
| Art, culture, recreation & sport | 2 | 3% | 296 | 5% |
| Sales & service | 0 | 0% | 559 | 9% |
| Trades, transport & equipment operators & related | 4 | 6% | 114 | 2% |
| Natural resources, agriculture & related production | 0 | 0% | 35 | 1% |
| Manufacturing & utilities | 0 | 0% | 35 | 1% |
| Total | 68 | 100% | 6,499 | 100% |



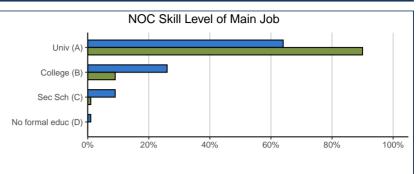
4

☑ BC Student □ Outcomes

Detailed Summary of Survey Results All Institutions 14.0101: Engineering, general

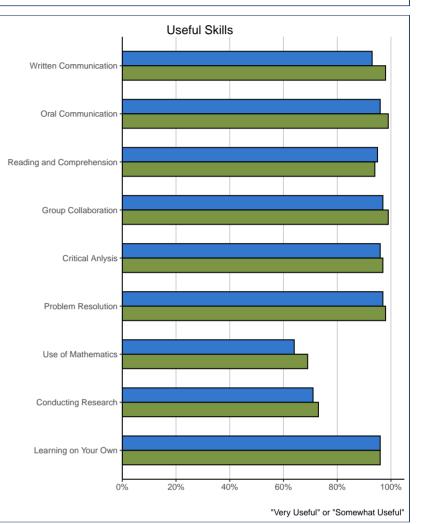


EMPLOYMENT, continued NOC Skill Level of Main Job: 14.0101 SYSTEM 61 4,148 A. University education 90% 64% Univ (A) · B. College education/trade apprenticeship 9% 6 1,713 26% College (B) 1% C. Secondary school + job-specific training 1 564 9% D. No formal education 0 0% 90 1% Sec Sch (C) -100% Total 68 6,515 100%



| | | 14.0101 | | | | |
|---|----------------|--------------------|--------------------|----------------------|---------|--|
| 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% | 27% | 3% | 0% | 75 | |
| Oral Communication | 83% | 16% | 0% | 1% | 75 | |
| Reading and Comprehension | 67% | 27% | 7% | 0% | 75 | |
| Group Collaboration | 75% | 24% | 1% | 0% | 75 | |
| Critical Anlysis | 81% | 16% | 3% | 0% | 75 | |
| Problem Resolution | 83% | 15% | 3% | 0% | 75 | |
| Use of Mathematics | 24% | 45% | 27% | 4% | 75 | |
| Conducting Research | 36% | 37% | 25% | 1% | 75 | |
| Learning on Your Own | 67% | 29% | 3% | 1% | 75 | |

| | | 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 | |



Top 10 Full-time Occupations of 14.0101 Graduates: 14.0101 NOC Skill Level NOC Description % Employed FT in this Occ.** 2173 А Software engineers and designers 24% 9% 2174 А Computer programmers and interactive media developers 2133 А Electrical and electronics engineers 8% 2171 А Information systems analysts and consultants 8% XXXX 0 Unclassified occupations 8% * 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 | 6% |
| XXXX | 0 | 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 | В | 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 | В | 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 14.0101: Engineering, general

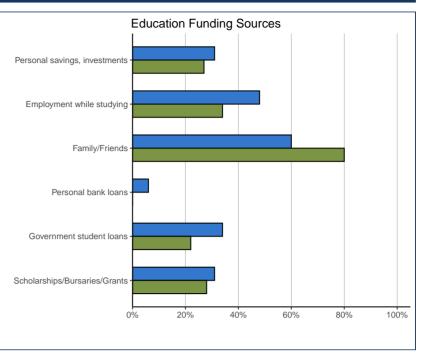
| SYSTEM | |
|---------|--|
| 14.0101 | |
| | |

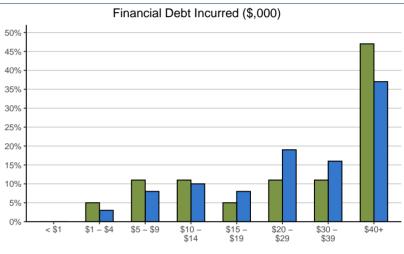
EDUCATION FINANCING

| Funding Sources (3 sources allowed):* | 14.0 | 14.0101 | | ТЕМ |
|--|------|---------|-------|-----|
| Personal savings, investments | 22 | 27% | 2,643 | 31% |
| Employment while studying | 28 | 34% | 4,042 | 48% |
| Family/Friends | 66 | 80% | 5,041 | 60% |
| Personal bank loans | 0 | 0% | 535 | 6% |
| Government student loans | 18 | 22% | 2,834 | 34% |
| Scholarships/Bursaries/Grants | 23 | 28% | 2,631 | 31% |
| Other | 40 | 48% | 1,990 | 24% |
| Total | 83 | | 8,391 | |
| * Percentage of respondents who identified this source | | | | |

| Financial Debt Incurred to Finance Bac. Ed.:* | 14.0 | 14.0101 | | TEM |
|---|------|---------|-------|-----|
| Incurred any form of financial debt | 23 | 28% | 3,736 | 44% |
| Incurred government-sponsored student loan debt | 20 | 24% | 3,105 | 37% |
| * Percentage of respondents who provided data | | | | |

| Financial Debt Amount:* | 14. | 14.0101 | | TEM |
|---|--------|---------|--------|------|
| < \$1,000 | 0 | 0% | 4 | 0% |
| \$1,000 to \$4,999 | 1 | 5% | 85 | 3% |
| \$5,000 to \$9,999 | 2 | 11% | 219 | 8% |
| \$10,000 to \$14,999 | 2 | 11% | 298 | 10% |
| \$15,000 to \$19,999 | 1 | 5% | 233 | 8% |
| \$20,000 to \$29,999 | 2 | 11% | 545 | 19% |
| \$30,000 to \$39,999 | 2 | 11% | 455 | 16% |
| \$40,000 or More | 9 | 47% | 1,064 | 37% |
| Total | 19 | 100% | 2,903 | 100% |
| Median Financial Debt (\$) | 34,000 | | 30,000 | |
| Includes only cases where financial debt was incurred | | | | |

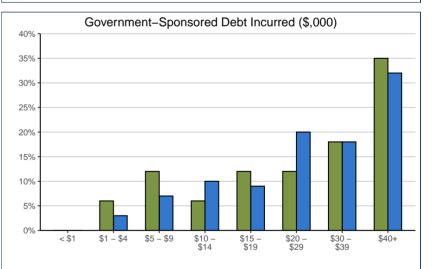




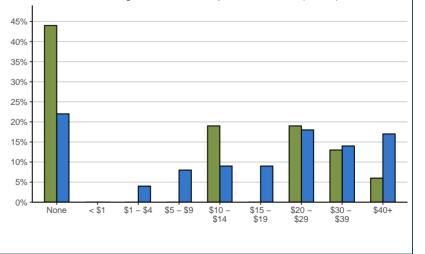
Gov't-Sponsored Student Loan Debt Amount:* 14.0101 SYSTEM < \$1,000 0 0% 6 0% \$1,000 to \$4,999 6% 66 3% 1 \$5,000 to \$9,999 2 12% 156 7% \$10,000 to \$14,999 1 6% 219 10% \$15,000 to \$19,999 2 12% 189 9% \$20,000 to \$29,999 2 12% 424 20% \$30,000 to \$39,999 3 18% 394 18% \$40,000 or More 6 35% 687 32% 17 100% 2,141 Total 100% Median Gov't-Sponsored Loan Debt (\$) 30,000 30,000

* Includes only cases where government-sponsored debt was incurred

| Gov't-Sponsored Loan Debt Outstanding:* | 14.0101 SYSTEM | | TEM | |
|---|----------------|------|--------|------|
| None – Loan repaid in full | 7 | 44% | 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 | 3 | 19% | 213 | 9% |
| \$15,000 to \$19,999 | 0 | 0% | 208 | 9% |
| \$20,000 to \$29,999 | 3 | 19% | 447 | 18% |
| \$30,000 to \$39,999 | 2 | 13% | 330 | 14% |
| \$40,000 or More | 1 | 6% | 406 | 17% |
| Total | 16 | 100% | 2,429 | 100% |
| Median Gov't–Sponsored Loan Debt Outstanding** (\$) | 26,007 | | 24,000 | |



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