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

Detailed Summary of Survey Results
British Columbia Institute of Technology
43.0106: Forensic science and technology



## RESPONSE RATE

| Survey Response Rate: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Baccalaureate Graduates Survey Cohort | 44 | 100% | 875 | 100% |
| Survey Respondents and Response Rate | 18 | 41% | 319 | 36% |



Response Rate
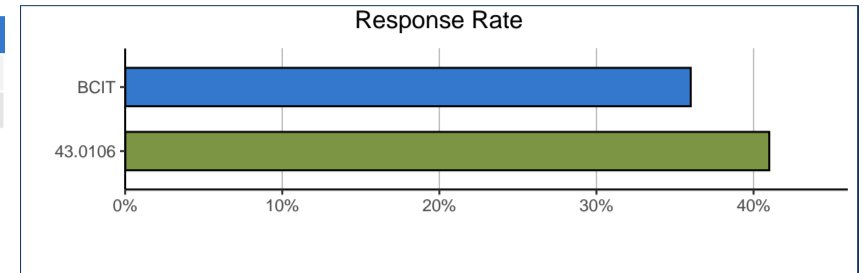
## DEMOGRAPHIC INFORMATION

| Self–Reporting Subgroups: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Disabled | ~ | ~ | 22 | 7% |
| International | ~ | ~ | 22 | 7% |
| Aboriginal | ~ | ~ | 5 | 2% |



Self–Reporting Subgroups
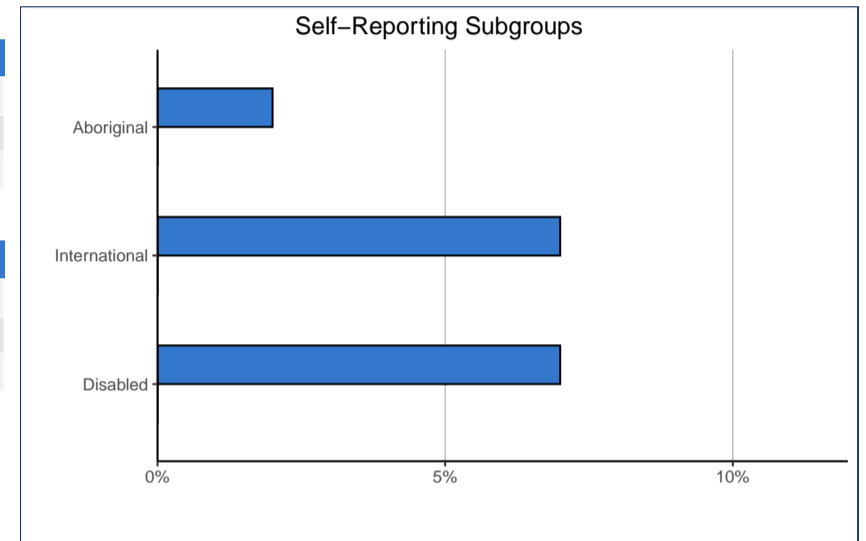
| Gender:* | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Male | 9 | 50% | 180 | 56% |
| Female | 9 | 50% | 139 | 44% |
| Total | 18 | 100% | 319 | 100% |

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

| Age (at time of survey): | 43.0106 | | BCIT | |
|---|---|---|---|---|
| < 25 | 0 | 0% | 37 | 12% |
| 25 to 29 | 9 | 50% | 126 | 39% |
| 30 to 34 | ~ | ~ | 73 | 23% |
| 35 to 39 | ~ | ~ | 41 | 13% |
| 40 to 49 | ~ | ~ | 31 | 10% |
| 50 to 64 | 0 | 0% | 11 | 3% |
| > 64 | 0 | 0% | 0 | 0% |
| Total | 18 | 100% | 319 | 100% |
| Median Age | 30 | | 29 | |
| Average (mean) Age | 32 | | 31 | |



Age Distribution
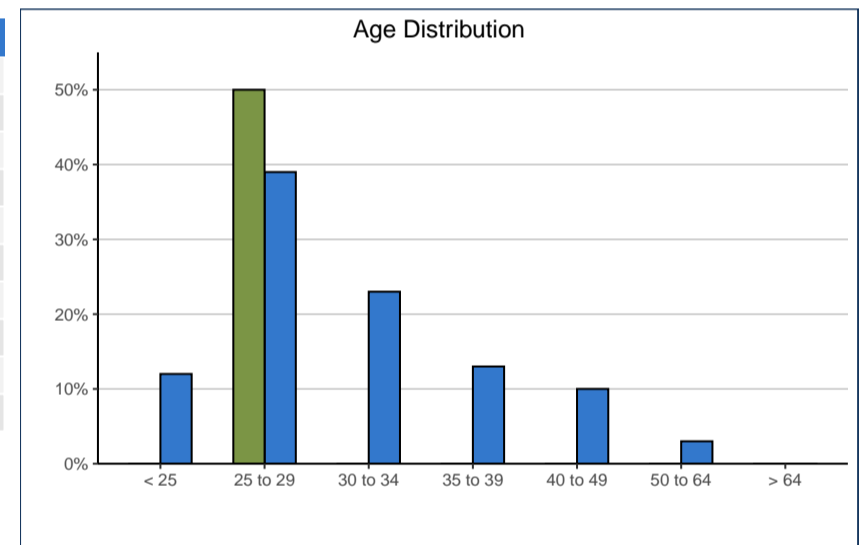
| Place of Residence (at time of survey): | 43.0106 | | BCIT | |
|---|---|---|---|---|
| BC – Mainland/Southwest | ~ | ~ | 255 | 88% |
| BC – Vancouver Island/Coast | 0 | 0% | 13 | 4% |
| BC – Northern B.C. | 0 | 0% | ~ | ~ |
| BC – Interior/Kootenays | ~ | ~ | ~ | ~ |
| BC Subtotal | 15 | 100% | 277 | 95% |
| Canada – Alberta | 0 | 0% | 7 | 2% |
| Canada – Ontario | 0 | 0% | ~ | ~ |
| Canada – Other | 0 | 0% | ~ | ~ |
| U.S.A. | 0 | 0% | 0 | 0% |
| Non–BC Subtotal | 0 | 0% | 14 | 5% |
| Total | 15 | 100% | 291 | 100% |



Place of Residence



Within BC
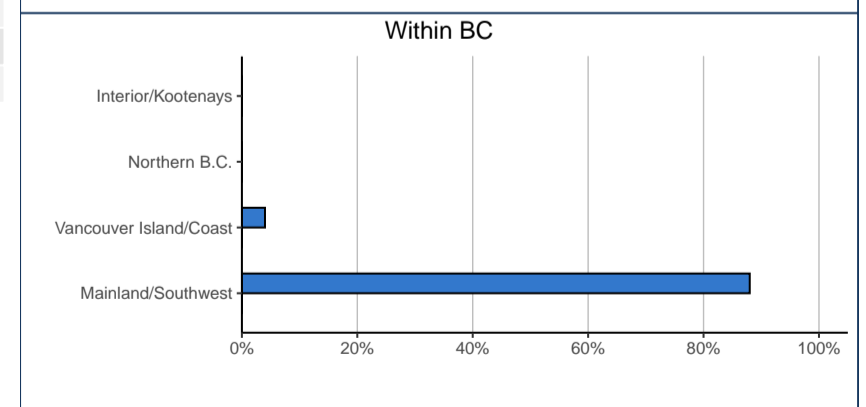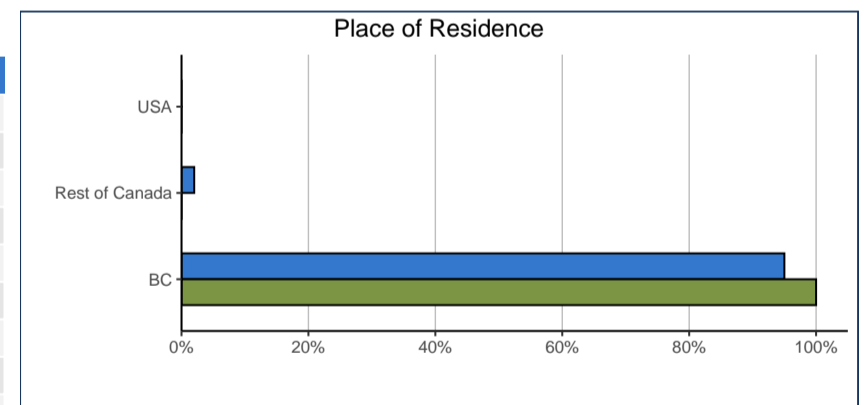
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43.0106

## EDUCATION EVALUATION AND SKILL DEVELOPMENT

| Program Satisfaction: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Very Satisfied | 3 | 17% | 93 | 30% |
| Satisfied | 13 | 72% | 201 | 64% |
| Dissatisfied | 1 | 6% | 13 | 4% |
| Very Dissatisfied | 1 | 6% | 8 | 3% |
| Total | 18 | 100% | 315 | 100% |

| Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Very Useful | 5 | 33% | 152 | 51% |
| Somewhat Useful | 6 | 40% | 120 | 40% |
| Not Very Useful | 2 | 13% | 18 | 6% |
| Not at All Useful | 2 | 13% | 7 | 2% |
| Total | 15 | 100% | 297 | 100% |

| Took upgrading, access, bridging, or other preparatory courses during or prior to studies: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Yes | 1 | 6% | 41 | 13% |
| No | 17 | 94% | 266 | 87% |

| Would select the same program again: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Yes | 10 | 63% | 220 | 76% |
| No | 6 | 38% | 69 | 24% |

| Quality of Instruction: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Very Good | 3 | 17% | 74 | 23% |
| Good | 13 | 72% | 215 | 68% |
| Poor | 1 | 6% | 23 | 7% |
| Very Poor | 1 | 6% | 5 | 2% |
| Total | 18 | 100% | 317 | 100% |

| Comprehensiveness of Core Courses: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Very Good | 4 | 22% | 89 | 28% |
| Good | 12 | 67% | 206 | 65% |
| Poor | 1 | 6% | 17 | 5% |
| Very Poor | 1 | 6% | 3 | 1% |
| Total | 18 | 100% | 315 | 100% |

| Course Availability: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Encountered course availability problems | 11 | 61% | 58 | 19% |

| Financial Constraints: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Had to interrupt studies for financial reasons | 1 | 6% | 24 | 8% |
| Had to take program part–time for financial reasons | 7 | 39% | 59 | 19% |

### 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"
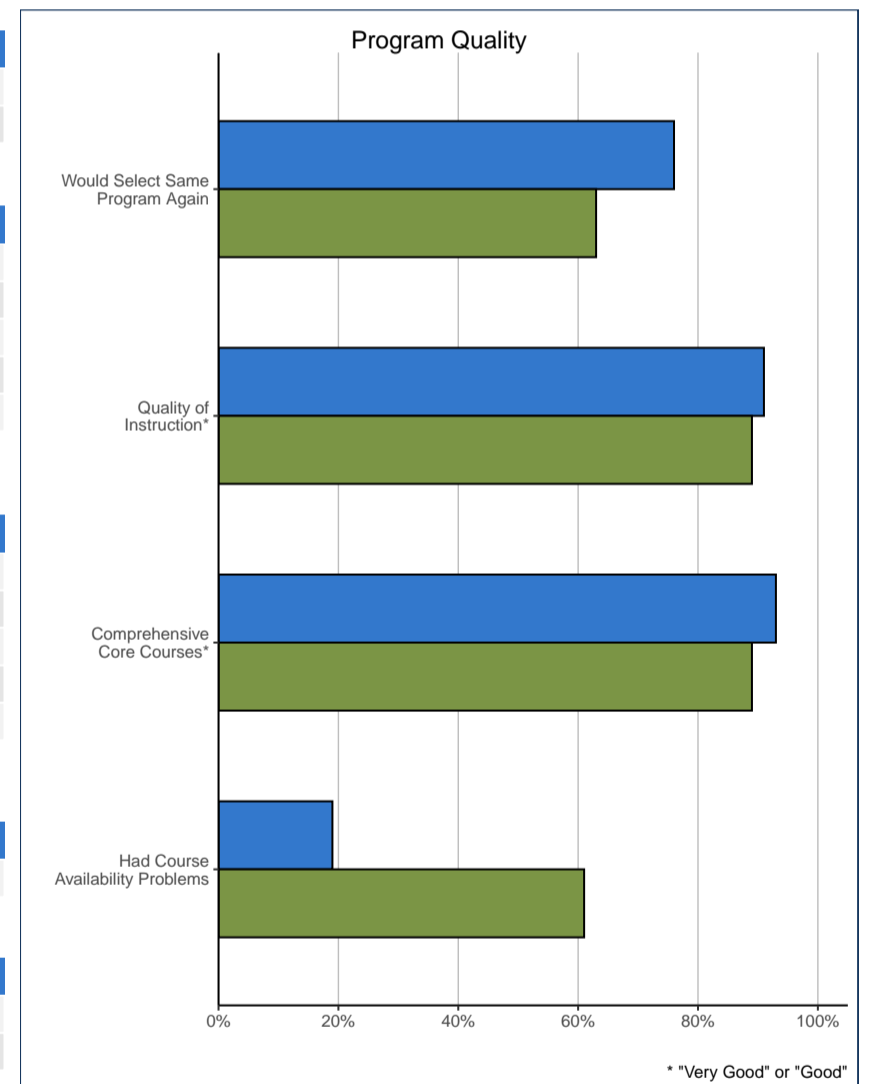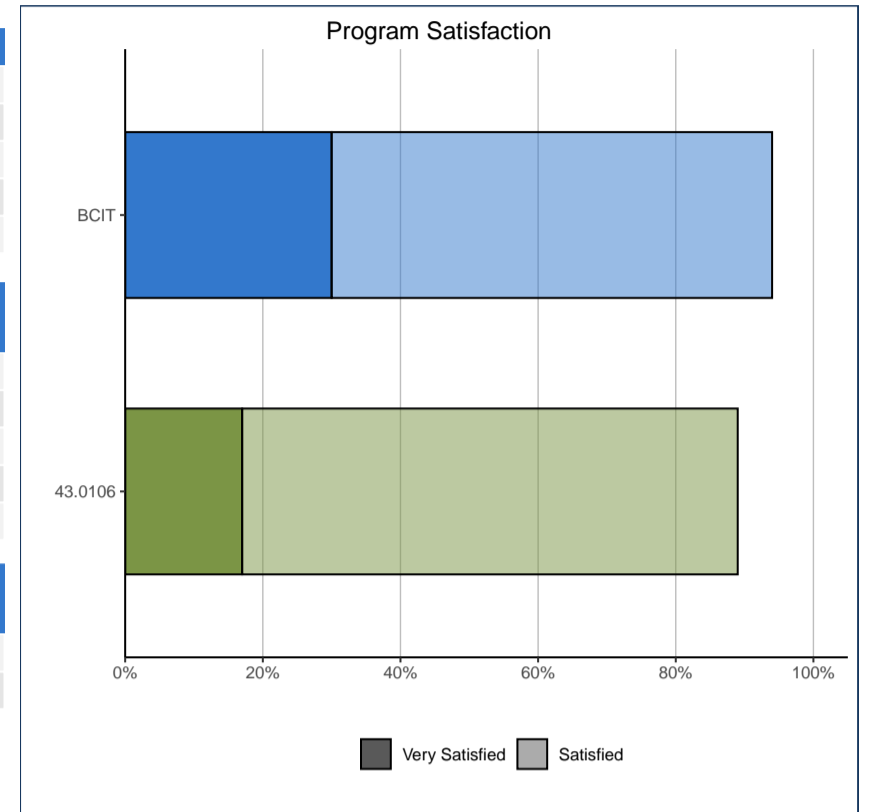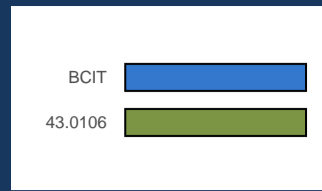
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## SKILL DEVELOPMENT

| Skill Development: How helpful was institution? | 43.0106 | | | | |
|---|---|---|---|---|---|
| | Very Helpful | Helpful | Not Very Helpful | Not at All Helpful | # Resp. |
| Written Communication | 24% | 65% | 12% | 0% | 17 |
| Oral Communication | 28% | 61% | 11% | 0% | 18 |
| Reading and Comprehension | 47% | 33% | 20% | 0% | 15 |
| Group Collaboration | 50% | 39% | 11% | 0% | 18 |
| Critical Anlysis | 56% | 44% | 0% | 0% | 18 |
| Problem Resolution | 24% | 47% | 29% | 0% | 17 |
| Use of Mathematics | 10% | 30% | 60% | 0% | 10 |
| Conducting Research | 67% | 22% | 11% | 0% | 18 |
| Learning on Your Own | 39% | 56% | 6% | 0% | 18 |

| Skill Development: How helpful was institution? | BCIT | | | | |
|---|---|---|---|---|---|
| | Very Helpful | Helpful | Not Very Helpful | Not at All Helpful | # Resp. |
| Written Communication | 27% | 58% | 12% | 3% | 303 |
| Oral Communication | 27% | 57% | 16% | 0% | 303 |
| Reading and Comprehension | 24% | 58% | 16% | 2% | 299 |
| Group Collaboration | 49% | 44% | 6% | 1% | 310 |
| Critical Anlysis | 39% | 55% | 5% | 1% | 315 |
| Problem Resolution | 31% | 55% | 12% | 1% | 306 |
| Use of Mathematics | 29% | 54% | 14% | 3% | 272 |
| Conducting Research | 28% | 54% | 14% | 4% | 304 |
| Learning on Your Own | 40% | 50% | 7% | 3% | 309 |

### Helpful with Skill Development



"Very Helpful" or "Helpful"
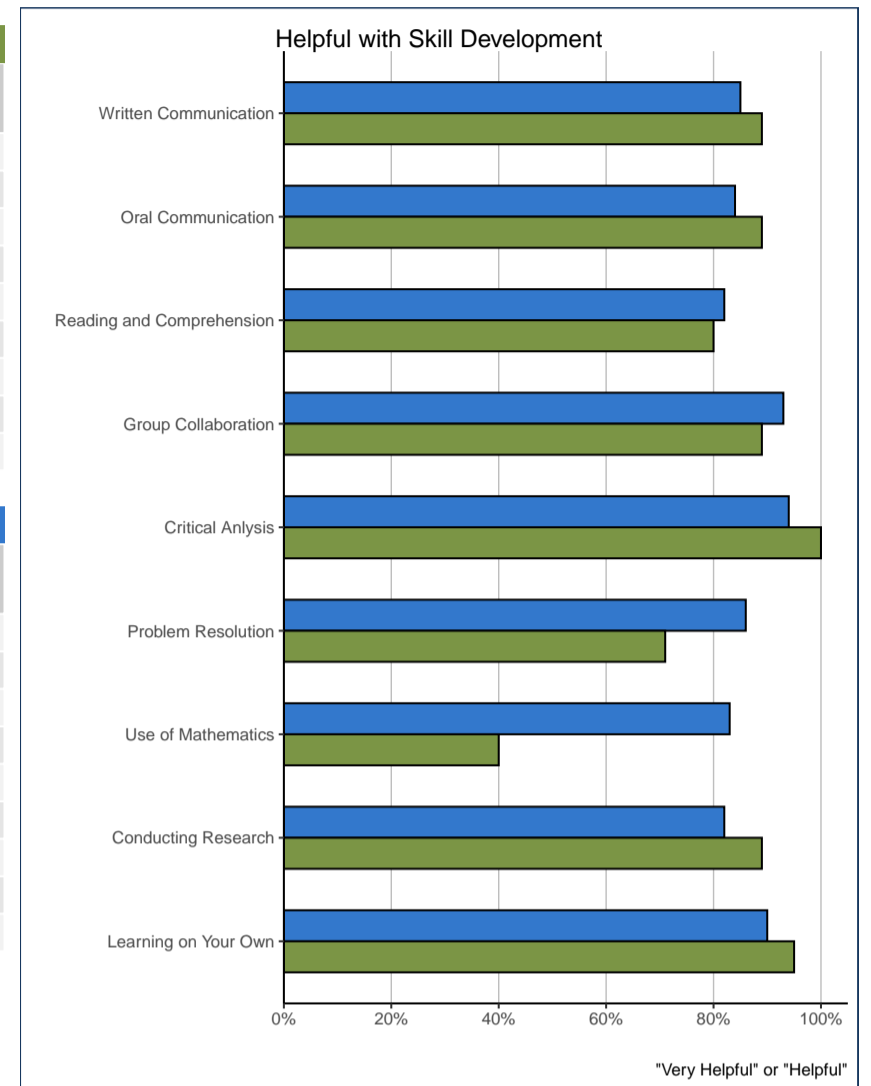
## FURTHER EDUCATION

| Took further education since 2021 graduation: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Yes | 3 | 17% | 84 | 26% |
| Not currently enrolled | 2 | 11% | 51 | 16% |
| Currently enrolled full–time | 0 | 0% | 10 | 3% |
| Currently enrolled part–time | 1 | 6% | 22 | 7% |
| No | 15 | 83% | 233 | 74% |
| Total | 18 | 100% | 317 | 100% |

### Have you taken further education since graduation?



Yes – Currently enrolled part–time   Yes – Currently enrolled full–time
Yes – Not currently enrolled   No
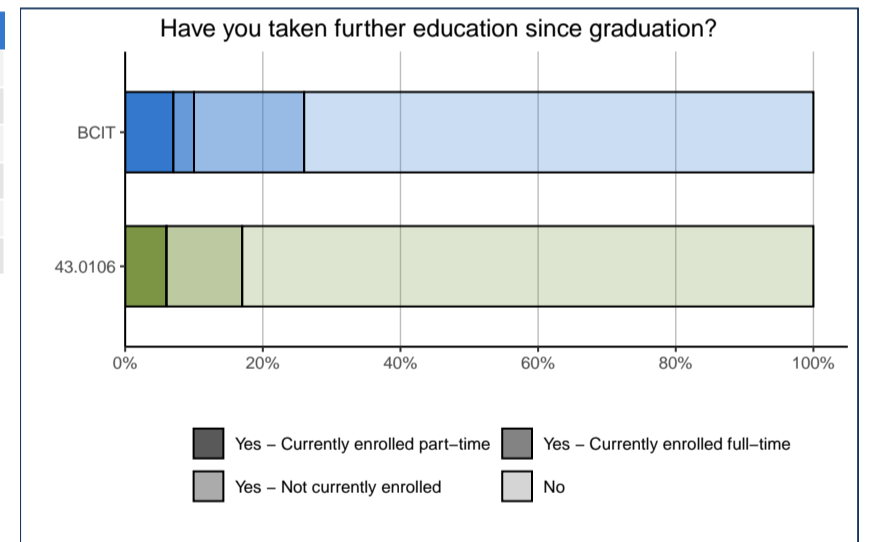
| Type of Formal Post–Secondary Education: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Masters Degree | 0 | 0% | 12 | 15% |
| Doctoral Degree | 0 | 0% | 0 | 0% |
| Another Undergraduate Degree | 0 | 0% | 2 | 3% |
| Certificate or Diploma below Bachelor level | 0 | 0% | 18 | 23% |
| Professional Association Certification | 2 | 67% | 28 | 35% |
| Postgraduate Certificate or Diploma | 1 | 33% | 17 | 21% |
| Other | 0 | 0% | 3 | 4% |
| Total | 3 | 100% | 80 | 100% |

### Further Education/Training Type

# BC Student Outcomes

Detailed Summary of Survey Results
British Columbia Institute of Technology
43.0106: Forensic science and technology
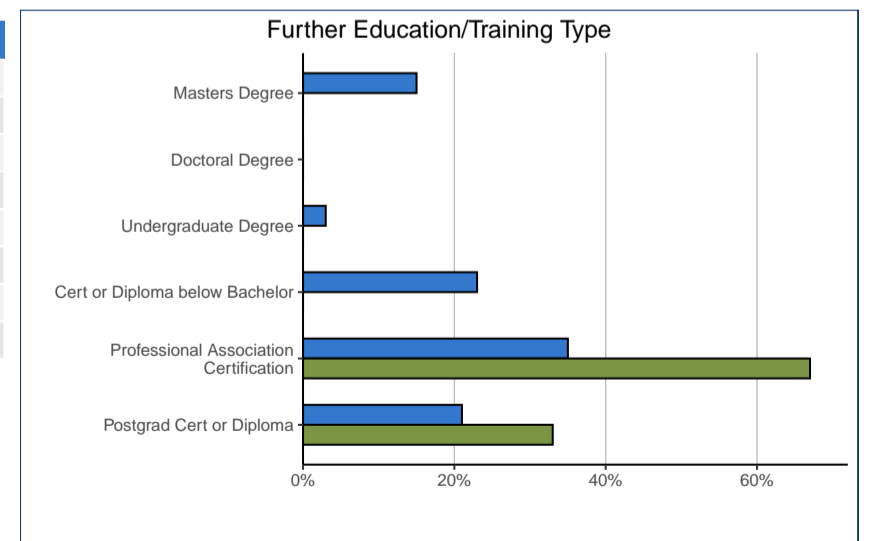
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43.0106

## EMPLOYMENT

| Labour Fource Status: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| In Labour Force (working or seeking work) | 16 | 94% | 310 | 98% |
| Not in Labour Force | 1 | 6% | 7 | 2% |
| Total | 17 | 100% | 317 | 100% |

| Employment: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Employment Rate* | 15 | 83% | 297 | 93% |
| Unemployment Rate** | 1 | 6.3% | 13 | 4.2% |

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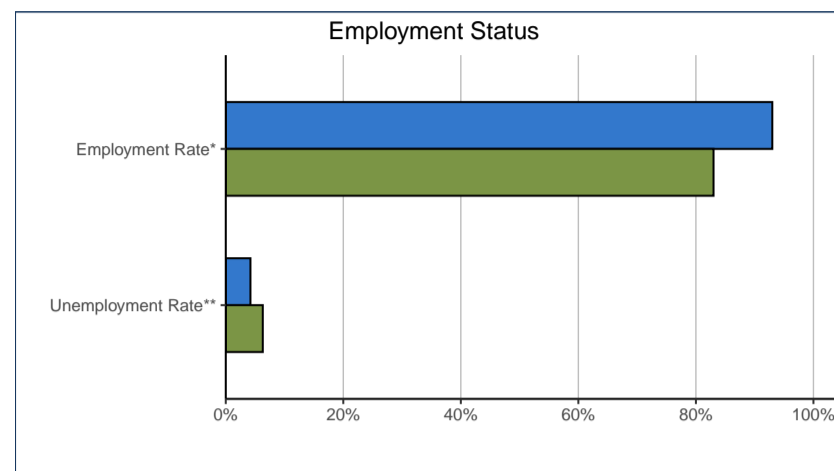
### Employment Status



| Status of Graduates NOT in Labour Force: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Attending School FT | 0 | 0% | 3 | 43% |
| Attending School PT | 0 | 0% | 0 | 0% |
| Other | 1 | 100% | 4 | 57% |
| Total NOT in Labour Force | 1 | 100% | 7 | 100% |

| Primary Employment Type: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Paid worker | 15 | 100% | 285 | 96% |
| Self–employed | 0 | 0% | 12 | 4% |
| Total | 15 | 100% | 297 | 100% |

| Job Characteristics: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| I hold more than one job* | 4 | 27% | 34 | 11% |
| My main job is full–time (>= 30 hours per week)** | 15 | 100% | 278 | 97% |
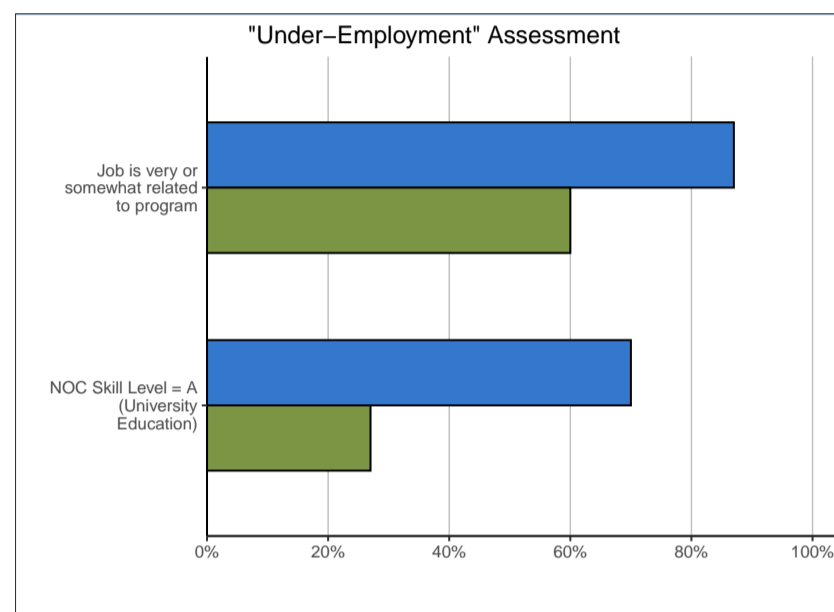
*Of total Employed
**Of those who provided data on hours/week worked

### "Under–Employment" Assessment



| How related is your main job to your program? | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Very Related | 5 | 33% | 171 | 58% |
| Somewhat Related | 4 | 27% | 88 | 30% |
| Not Very Related | 4 | 27% | 24 | 8% |
| Not at All Related | 2 | 13% | 14 | 5% |
| Total | 15 | 100% | 297 | 100% |

| "Under–employment" Assessment: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Job is very or somewhat related to program | 9 | 60% | 259 | 87% |
| NOC Skill Level = A (University Education)* | 4 | 27% | 196 | 70% |
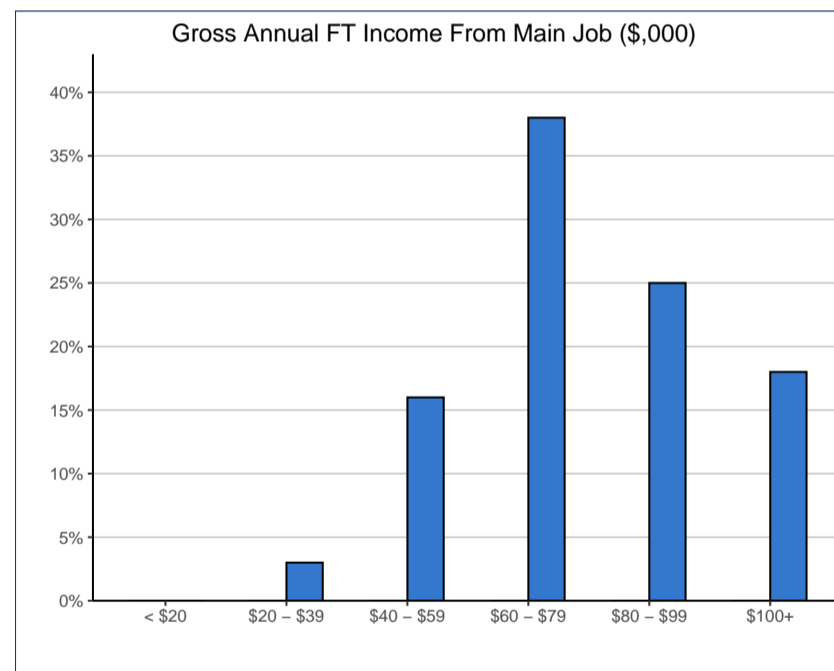
*Of total valid responses

| Gross Annual Income from Main Job:* | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Less than $20,000 | 0 | 0% | 0 | 0% |
| $20,000 to $39,999 | ~ | ~ | 7 | 3% |
| $40,000 to $59,999 | ~ | ~ | 36 | 16% |
| $60,000 to $79,999 | ~ | ~ | 87 | 38% |
| $80,000 to $99,999 | ~ | ~ | 58 | 25% |
| $100,000 and Above | 0 | 0% | 40 | 18% |
| Total | 10 | 100% | 228 | 100% |
| Median Annual Income (full–time) ($) | 55,138 | | 75,000 | |
| Average Annual Income (full–time) ($) | 56,544 | | 83,492 | |

*Where data provided

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



| NOC Skill Type of Main Job: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Business, finance & administration | 3 | 20% | 65 | 23% |
| Natural & applied sciences & related | 6 | 40% | 107 | 38% |
| Health | 2 | 13% | 51 | 18% |
| Education, law and social, community & government | 0 | 0% | 10 | 4% |
| Art, culture, recreation & sport | 0 | 0% | 6 | 2% |
| Sales & service | 3 | 20% | 21 | 8% |
| Trades, transport & equipment operators & related | 0 | 0% | 14 | 5% |
| Natural resources, agriculture & related production | 0 | 0% | 2 | 1% |
| Manufacturing & utilities | 1 | 7% | 4 | 1% |
| Total | 15 | 100% | 280 | 100% |

### Employed Graduates by NOC Skill Type
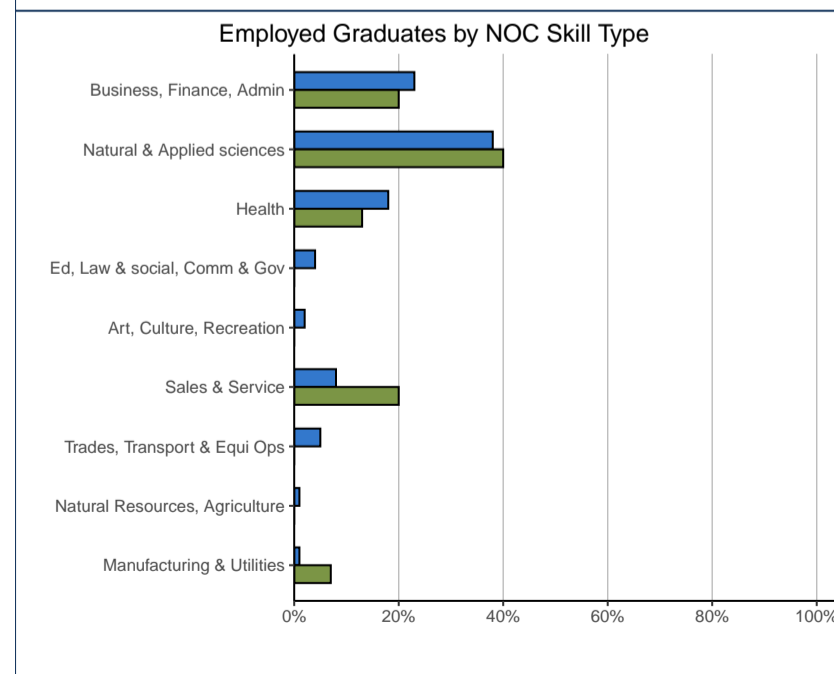
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## EMPLOYMENT, continued

| NOC Skill Level of Main Job: | 43.0106 | | BCIT | |
|---|---|---|---|---|
| A. University education | 4 | 27% | 196 | 70% |
| B. College education/trade apprenticeship | 7 | 47% | 70 | 25% |
| C. Secondary school + job–specific training | 3 | 20% | 13 | 5% |
| D. No formal education | 1 | 7% | 3 | 1% |
| Total | 15 | 100% | 282 | 100% |
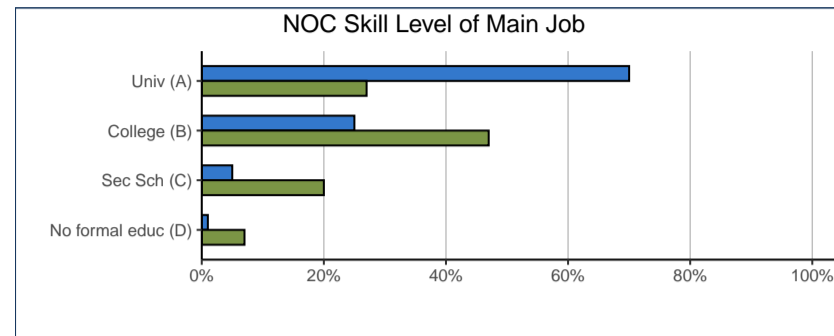
### NOC Skill Level of Main Job



| | 43.0106 | | | | |
|---|---|---|---|---|---|
| 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 | 87% | 7% | 0% | 7% | 15 |
| Oral Communication | 87% | 7% | 7% | 0% | 15 |
| Reading and Comprehension | 87% | 7% | 7% | 0% | 15 |
| Group Collaboration | 73% | 13% | 7% | 7% | 15 |
| Critical Anlysis | 73% | 20% | 0% | 7% | 15 |
| Problem Resolution | 93% | 0% | 7% | 0% | 15 |
| Use of Mathematics | 14% | 29% | 14% | 43% | 14 |
| Conducting Research | 29% | 36% | 21% | 14% | 14 |
| Learning on Your Own | 80% | 13% | 0% | 7% | 15 |

| | BCIT | | | | |
|---|---|---|---|---|---|
| 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 | 72% | 24% | 3% | 2% | 296 |
| Oral Communication | 77% | 20% | 2% | 1% | 296 |
| Reading and Comprehension | 73% | 24% | 2% | 1% | 296 |
| Group Collaboration | 78% | 21% | 1% | 1% | 295 |
| Critical Anlysis | 81% | 16% | 2% | 1% | 296 |
| Problem Resolution | 82% | 15% | 2% | 1% | 296 |
| Use of Mathematics | 34% | 44% | 14% | 8% | 289 |
| Conducting Research | 37% | 43% | 14% | 5% | 294 |
| Learning on Your Own | 66% | 31% | 1% | 2% | 296 |
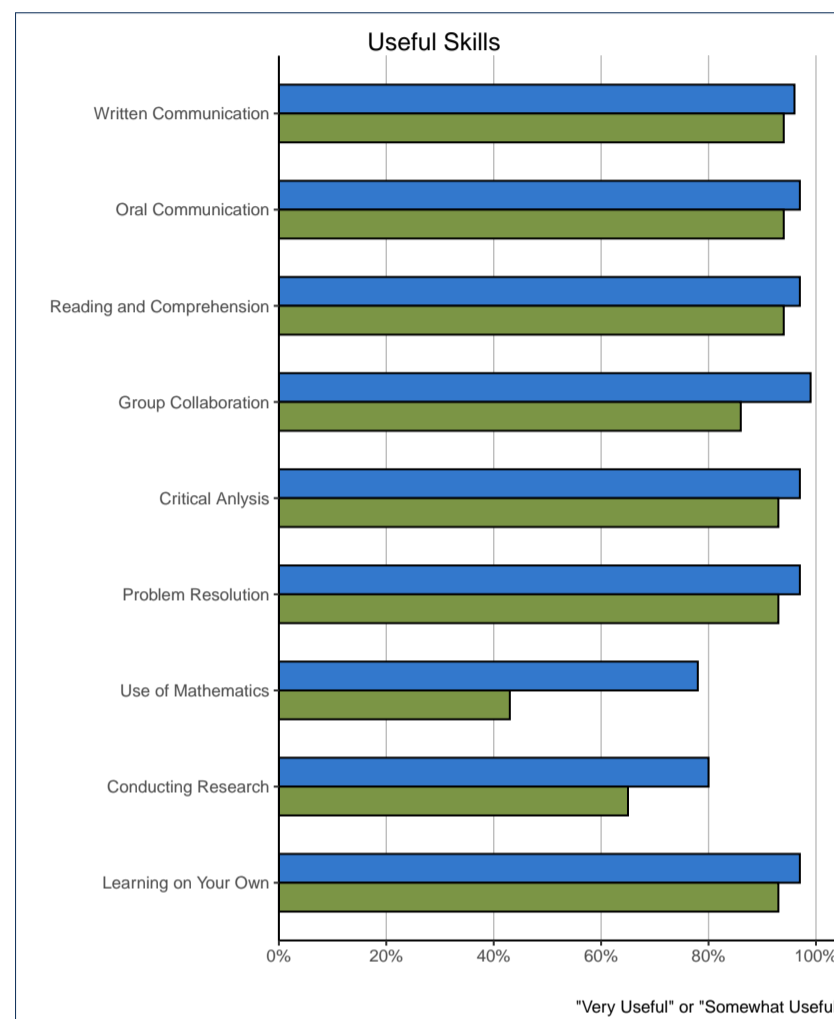
### Useful Skills



"Very Useful" or "Somewhat Useful"

| Top 10 Full–time Occupations of 43.0106 Graduates: | | | 43.0106 |
|---|---|---|---|
| NOC | NOC Skill Level | Description | % Employed FT in this Occ.** |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |

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

| Top 10 Full–time Occupations of BCIT Graduates: | | | BCIT |
|---|---|---|---|
| NOC | NOC Skill Level | Description | % Employed FT in this Occ.** |
| 3012 | A | Registered nurses and registered psychiatric nurses | 13% |
| 1111 | A | Financial auditors and accountants | 7% |
| 0711 | A | Construction managers | 3% |
| 2131 | A | Civil engineers | 3% |
| 2263 | B | Inspectors in public and environmental health and occupational health and safety | 3% |
| 2171 | A | Information systems analysts and consultants | 3% |
| XXXX | O | Unclassified occupations | 3% |
| 0213 | A | Computer and information systems managers | 3% |
| 2133 | A | Electrical and electronics engineers | 3% |
| 2132 | A | Mechanical engineers | 2% |

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

**BC Student Outcomes**

| | |
|---|---|
| BCIT | ▬ |
| 43.0106 | ▬ |

## EDUCATION FINANCING

| Funding Sources (3 sources allowed):* | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Personal savings, investments | 8 | 44% | 145 | 46% |
| Employment while studying | 10 | 56% | 138 | 44% |
| Family/Friends | 5 | 28% | 145 | 46% |
| Personal bank loans | 1 | 6% | 19 | 6% |
| Government student loans | 9 | 50% | 124 | 40% |
| Scholarships/Bursaries/Grants | 2 | 11% | 58 | 19% |
| Other | 0 | 0% | 51 | 16% |
| Total | 18 | | 313 | |

* Percentage of respondents who identified this source

**Education Funding Sources**



| Financial Debt Incurred to Finance Bac. Ed.:* | 43.0106 | | BCIT | |
|---|---|---|---|---|
| Incurred any form of financial debt | 9 | 50% | 152 | 48% |
| Incurred government–sponsored student loan debt | 9 | 50% | 133 | 42% |

* Percentage of respondents who provided data

| Financial Debt Amount:* | 43.0106 | | BCIT | |
|---|---|---|---|---|
| < $1,000 | 0 | 0% | 0 | 0% |
| $1,000 to $4,999 | 0 | 0% | 1 | 1% |
| $5,000 to $9,999 | 1 | 14% | 10 | 9% |
| $10,000 to $14,999 | 1 | 14% | 14 | 12% |
| $15,000 to $19,999 | 2 | 29% | 7 | 6% |
| $20,000 to $29,999 | 0 | 0% | 30 | 26% |
| $30,000 to $39,999 | 1 | 14% | 23 | 20% |
| $40,000 or More | 2 | 29% | 31 | 27% |
| Total | 7 | 100% | 116 | 100% |
| Median Financial Debt ($) | 15,000 | | 27,500 | |

* Includes only cases where financial debt was incurred

**Financial Debt Incurred ($,000)**



| Gov't–Sponsored Student Loan Debt Amount:* | 43.0106 | | BCIT | |
|---|---|---|---|---|
| < $1,000 | 0 | 0% | 0 | 0% |
| $1,000 to $4,999 | 0 | 0% | 4 | 4% |
| $5,000 to $9,999 | 1 | 17% | 5 | 5% |
| $10,000 to $14,999 | 2 | 33% | 15 | 16% |
| $15,000 to $19,999 | 0 | 0% | 9 | 10% |
| $20,000 to $29,999 | 1 | 17% | 21 | 23% |
| $30,000 to $39,999 | 1 | 17% | 20 | 22% |
| $40,000 or More | 1 | 17% | 18 | 20% |
| Total | 6 | 100% | 92 | 100% |
| Median Gov't–Sponsored Loan Debt ($) | 17,000 | | 24,500 | |

* Includes only cases where government–sponsored debt was incurred

**Government–Sponsored Debt Incurred ($,000)**



| Gov't–Sponsored Loan Debt Outstanding:* | 43.0106 | | BCIT | |
|---|---|---|---|---|
| None – Loan repaid in full | 1 | 17% | 35 | 32% |
| < $1,000 | 0 | 0% | 0 | 0% |
| $1,000 to $4,999 | 1 | 17% | 4 | 4% |
| $5,000 to $9,999 | 0 | 0% | 10 | 9% |
| $10,000 to $14,999 | 1 | 17% | 12 | 11% |
| $15,000 to $19,999 | 0 | 0% | 9 | 8% |
| $20,000 to $29,999 | 2 | 33% | 19 | 18% |
| $30,000 to $39,999 | 1 | 17% | 15 | 14% |
| $40,000 or More | 0 | 0% | 4 | 4% |
| Total | 6 | 100% | 108 | 100% |
| Median Gov't–Sponsored Loan Debt Outstanding** ($) | 20,000 | | 20,000 | |

* 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)**