A Summary of Survey Results (3 year average) - BC Trades Diploma and Certificate Student Outcomes

Program:
CNC Machinist Technician_1525_DIPMA

In Labour Force
- 91%

Currently Employed at time of survey
- 86%

Employed in job related program
- 89%

Those who responded that they were currently employed at a job or business at the time of the survey.
(The number employed as a percentage of all respondents.)

Of Those Employed (in labour force):
- Male: 96%
- Female: 4%

Of Those Employed:
- employed in a permanent job: 95%
- had current job before/during studies: 21%

How related is your (main) job to the program you took?
- Very related: 61%
- Somewhat related: 29%
- Not very related: 3%
- Not at all related: 8%

How long did it take you to find your program-related job?
- Less than one month: 43%
- 1 to 2 months: 33%
- 3 to 4 months: 10%
- 5 to 6 months: 7%
- More than 6 months: 7%

How useful were the knowledge and skills you gained in your program in performing your (main) job?
- Very: 56%
- Somewhat: 37%
- Not very: 3%
- Not at all: 5%

Median Hourly Wage (of main job)
- $22

How useful was your program in getting your (main) job? (obtained after studies)
- Very: 57%
- Somewhat: 30%
- Not very: 7%
- Not at all: 7%

Please note results are from previous graduating years and are subject to industry and occupational trends.
When assessing a program, please consider researching other programs within the Post-Secondary Sector, reaching out to those within that industry and connecting with current students in the selected program.
NOTE: All percentages are rounded to whole numbers.
**How satisfied are you with your education?**

- Very Satisfied: 20%
- Satisfied: 57%
- Dissatisfied: 16%
- Very dissatisfied: 7%

Further studies were very or somewhat related to program: 71%

Of those respondents had taken previous post-secondary education:

- No credential: 59%
- Trades program diploma, certificate, or citation: 12%
- Non-trades credential below bachelor level: 29%
- Bachelor's degree: 6%

**Top 5 Jobs Obtained Related to Program**

<table>
<thead>
<tr>
<th>NOC</th>
<th>Description</th>
<th>Percent of those employed in program related jobs</th>
<th>Median hourly wage (main job)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7231</td>
<td>Machinists and machining and tooling inspectors</td>
<td>70%</td>
<td>$22</td>
</tr>
<tr>
<td>9417</td>
<td>Machining tool operators</td>
<td>21%</td>
<td>$21</td>
</tr>
<tr>
<td>7201</td>
<td>Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occup</td>
<td>6%</td>
<td>$23</td>
</tr>
<tr>
<td>5226</td>
<td>Other technical and co-ordinating occupations in motion pictures, broadcasting and the performing ar</td>
<td>3%</td>
<td>$35</td>
</tr>
</tbody>
</table>

**Further Studies After Completing Program**

- Of Surveyed Students:
  - are currently studying: 28%
  - have taken further studies: 28%

**How well were you prepared for further studies?**

- Somewhat: 57%
- Not very: 29%
- Not at all: 14%

**Where are you studying or where did you take further studies?**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCIT</td>
<td>67%</td>
</tr>
<tr>
<td>Capilano University</td>
<td>33%</td>
</tr>
</tbody>
</table>
Program:
CNC Machinist Technician_1525_DIPMA

Skill Development  How well students were prepared for:
(changed to 4-point Helpful scale in 2015)

<table>
<thead>
<tr>
<th>Activity</th>
<th>Very Good</th>
<th>Good</th>
<th>Adequate</th>
<th>Poor</th>
<th>Very Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Write clearly and concisely</td>
<td>15%</td>
<td>36%</td>
<td>21%</td>
<td>27%</td>
<td></td>
</tr>
<tr>
<td>Speak effectively</td>
<td>15%</td>
<td>47%</td>
<td>21%</td>
<td>18%</td>
<td></td>
</tr>
<tr>
<td>Read and comprehend materials</td>
<td>29%</td>
<td>59%</td>
<td>10%</td>
<td>2%</td>
<td></td>
</tr>
<tr>
<td>Work effectively with others</td>
<td>22%</td>
<td>51%</td>
<td>20%</td>
<td>7%</td>
<td></td>
</tr>
<tr>
<td>Analyze and think critically</td>
<td>30%</td>
<td>49%</td>
<td>19%</td>
<td>2%</td>
<td></td>
</tr>
<tr>
<td>Resolve issues or problems</td>
<td>27%</td>
<td>57%</td>
<td>9%</td>
<td>7%</td>
<td></td>
</tr>
<tr>
<td>Learn on your own</td>
<td>28%</td>
<td>49%</td>
<td>21%</td>
<td>2%</td>
<td></td>
</tr>
<tr>
<td>Use mathematics (asked in 2018)</td>
<td>40%</td>
<td>53%</td>
<td>7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use other tools and equipment (asked in 2018)</td>
<td>50%</td>
<td>38%</td>
<td>6%</td>
<td>6%</td>
<td></td>
</tr>
</tbody>
</table>

Aspects of Program  How did students rate:

<table>
<thead>
<tr>
<th>Quality of Instruction</th>
<th>Very Good</th>
<th>Good</th>
<th>Adequate</th>
<th>Poor</th>
<th>Very Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>In School Experiences</td>
<td>20%</td>
<td>27%</td>
<td>39%</td>
<td>7%</td>
<td>7%</td>
</tr>
<tr>
<td>Organization of program</td>
<td>9%</td>
<td>25%</td>
<td>36%</td>
<td>20%</td>
<td>9%</td>
</tr>
<tr>
<td>Amount of practical experience</td>
<td>32%</td>
<td>41%</td>
<td>16%</td>
<td>9%</td>
<td>2%</td>
</tr>
<tr>
<td>Textbooks and learning materials (asked in 2018)</td>
<td>19%</td>
<td>38%</td>
<td>25%</td>
<td>13%</td>
<td>6%</td>
</tr>
<tr>
<td>Quality of other tools and equipment (asked in 2018)</td>
<td>38%</td>
<td>25%</td>
<td>25%</td>
<td>6%</td>
<td>6%</td>
</tr>
</tbody>
</table>

Aspects of Courses  How did students rate:

<table>
<thead>
<tr>
<th>Courses were up to date (asked in 2018)</th>
<th>Very Good</th>
<th>Good</th>
<th>Adequate</th>
<th>Poor</th>
<th>Very Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>In School Experiences</td>
<td>19%</td>
<td>13%</td>
<td>44%</td>
<td>19%</td>
<td>6%</td>
</tr>
<tr>
<td>Covering topics relevant to field</td>
<td>20%</td>
<td>36%</td>
<td>34%</td>
<td>5%</td>
<td>5%</td>
</tr>
</tbody>
</table>

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When assessing a program, please consider researching other programs within the Post-Secondary Sector, reaching out to those within that industry and connecting with current students in the selected program.
NOTE: All percentages are rounded to whole numbers.
This report was run by:  
British Columbia Institute of Technology
This report was run on:  
09/10/2018
This report shows data from:  
Survey name: BC Trades Diploma and Certificate Student Outcomes Survey  
Survey year(s): 2016, 2017, 2018
Results are from previous graduating years 2015 - 2017 and are subject to industry and occupational trends

About the TRADES survey:  
The TRADES survey is conducted annually from January to May, with funding from the ministry responsible for post-secondary education, Skills and Training, the Industry Training Authority (ITA), and B.C.’s public post-secondary institutions. The eligible cohort for the TRADES Survey consists of former students who completed trades foundation or trades-related vocational programs. The annual questionnaire is built on a set of core questions based on the major themes of the survey: employment outcomes, further education, ratings of programs, and student satisfaction. Please note the trades foundation and trades-related vocational students were previously surveyed through the DACSO survey. This report does not include apprenticeship, short certificate, baccalaureate, or developmental (Adult Basic Education, English as a Second Language, and Adult Special Education) programs.

Data Definitions:  
Information provided through BC Student Outcomes  
* Please take caution when interpreting the results with a response rate less than 30 may not be statistically be valid.

Eligible Students: Count of total graduates in program  
Response Rate: Percentage of survey respondents to all graduates surveyed.
Programs less than 8 respondents are excluded from Summary Outcomes individual program reports.
% In Labour Force: Respondents who were in the labour force. The labour force includes people who were employed as well as those who were looking and available for work at the time of the survey.
% Employed in a Job Related Program: Respondents that were currently employed in an occupation that was either "very" or "somewhat" related to their past training.
% Of those employed: (in labour force) Percent of respondents who were currently working in labour force full-time (30 hours or more per week), part-time (less than 30 hours per week), or unemployed and looking for work.
% How related is your (main) job to the program you took: Percent of respondents who felt their program was "very", "somewhat", "not very" or "not at all" related to their past training. Further, graduates who enter an occupation related to their program have been show (on average) to have a higher incidence of full-time work, and have higher salaries than those in a job "not related to their program.
% How useful were the knowledge and skills you gained in your program in performing your job: Percent of respondents who felt the knowledge and skills gained from their program were "very", "somewhat", "not very" or "not at all" useful in performing their job.
% How useful was your program in getting your (main) job: Percent of respondents who felt their program was "very", "somewhat", "not very" or "not at all" useful in getting their job.
Median Hourly wage (main job): Median (middle value) hourly wage of employed respondents who gave valid response (full-time or part-time, main job).
% Satisfied with Education: Percent of respondents who felt "very", "satisfied", "dissatisfied" or "very dissatisfied" with education received.
% Are currently studying: Percent of respondents that they were currently studying on a full-time or part-time basis.
% Have taken further studies since leaving program: Percent of respondents have taken any further studies since the last course at their institution.
% How well were you prepared for further studies after completing program: Percent of respondents who felt their further studies were related to their program and felt that they were "very well", "somewhat", "not very" or "not at all" prepared for further study due to the program.
% How well students were prepared to: (Questions changed to a 4-point scale in 2015) - Respondents who felt skill development was applicable responded "very helpful", "helpful", "not very helpful" or "not at all helpful" to the skills listed.