Program Overview (3 year average) - Trades & Technical Studies (Diploma and Certificate) Student Outcomes

Power Engineering - General_2410_CERT

Employment Outcomes

Employment Rate
86%

How useful was your program in getting your (main) job? (obtained after studies)
rated very or somewhat useful
92%

How long did it take you to find your program-related job?

- Less than one month: 26%
- 1 to 2 months: 43%
- 3 to 4 months: 26%
- 5 to 6 months: 6%

Average hourly wage of those in training related job (main job)
$26

Education Outcomes

96% of graduates were satisfied with their education

Aspects of Program
Quality of Instruction
rated very good or good
80%

Aspects of Courses
Covering topics relevant to field
rated very good or good
79%

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.
A Summary of Survey Results (3 year average) - Trades & Technical Studies (Diploma & Certificate) Student Outcomes

Survey Year
2017 2018 2019

Program:
Power Engineering - General_2410_CERT

Employment Outcomes

In Labour Force
98%
Those who responded were employed as well as looking and available for work at time of survey.

Employment Rate
86%
Those who responded were working in labour market.

Employed in job-related program
82%
Those who responded were currently employed at a job or business at time of survey.

Of those employed (in labour force):

Full-time 95%
Part-time 5%

How useful was your program in getting your (main) job? (obtained after studies)

Very 73%
Somewhat 19%
Not very 5%
Not at all 3%

Top 5 Jobs Obtained Related to Program

<table>
<thead>
<tr>
<th>NOC 4</th>
<th>Occupation</th>
<th>% of those employed in program related jobs</th>
<th>Median hourly wage (main job)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9241</td>
<td>Power engineers and power systems operators</td>
<td>74%</td>
<td>$25</td>
</tr>
<tr>
<td>6733</td>
<td>Janitors, caretakers and building superintendents</td>
<td>14%</td>
<td>$25</td>
</tr>
<tr>
<td>714</td>
<td>Facility operation and maintenance managers</td>
<td>3%</td>
<td>$25</td>
</tr>
<tr>
<td>7313</td>
<td>Heating, refrigeration and air conditioning mechanics</td>
<td>3%</td>
<td>$24</td>
</tr>
<tr>
<td>9243</td>
<td>Water and waste treatment plant operators</td>
<td>3%</td>
<td>$37</td>
</tr>
</tbody>
</table>

Average hourly wage of those in training related job (main job)
$26

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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.
A Summary of Survey Results (3 year average) - Trades & Technical Studies (Diploma & Certificate) Student Outcomes

Program:
Power Engineering - General_2410_CERT

Education Outcomes

96%

of graduates were very satisfied or satisfied with their education

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

- Write clearly and concisely
  - Very helpful 80%
  - Helpful 57%
  - Not very helpful 13%
  - Not at all helpful 4%
- Speak effectively
  - Very helpful 26%
  - Helpful 57%
  - Not very helpful 19%
  - Not at all helpful 4%
- Read and comprehend materials
  - Very helpful 39%
  - Helpful 58%
  - Not very helpful 19%
  - Not at all helpful 4%
- Work effectively with others
  - Very helpful 41%
  - Helpful 53%
  - Not very helpful 6%
  - Not at all helpful 4%
- Analyze and think critically
  - Very helpful 50%
  - Helpful 46%
  - Not very helpful 4%
  - Not at all helpful 4%
- Resolve issues or problems
  - Very helpful 49%
  - Helpful 41%
  - Not very helpful 10%
  - Not at all helpful 4%
- Learn on your own
  - Very helpful 41%
  - Helpful 39%
  - Not very helpful 18%
  - Not at all helpful 2%
- Use mathematics (asked in 2018)
  - Very helpful 56%
  - Helpful 31%
  - Not very helpful 13%
  - Not at all helpful 3%
- Use other tools and equipment (asked in 2018)
  - Very helpful 66%
  - Helpful 34%
  - Not very helpful 9%
  - Not at all helpful 4%

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.
Further Studies

- 15% are currently studying on a full-time or part-time basis after completing program
- 15% have taken further studies after completing program
- 88% further studies were very or somewhat related to program

How well were you prepared for further studies?

- 63% very well
- 38% somewhat

Program Demographics

Of those respondents had taken previous post-secondary education:
Note: Credentials are based on those who had taken previous post-secondary education. Respondents could report more than one type of post-secondary credential.

- No credential: 40%
- Trades program diploma, certificate, or citation: 29%
- Non-trades credential below bachelor level: 26%
- Bachelor's degree: 9%

Gender

- 98% Male
- 2% Female

Age

- 20-24: 40%
- 25-29: 25%
- 30-34: 15%
- 35-39: 8%
- 40-44: 4%
- 45-49: 2%
- 50-54: 4%
- 55+: 2%

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.
Student Outcomes Reporting System (SORS)

This report was run by:
British Columbia Institute of Technology

This report was run on:
09/25/2019

This report shows data from:
Survey name: BC Trades Diploma and Certificate Student Outcomes Survey
Survey year(s): 2017, 2018, 2019
Results are from previous graduating years 2016 - 2018 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 count less than 30, as they may not be statistically valid.

Eligible Students: Count of total graduates in program
Respondents: Former students who responded to the DACSO survey.
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.
% Employment Rate: Those who were working in labour market.
% 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 useful were the knowledge and skills you gained in your program in performing your main 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.
Average hourly wage of those in training related job (main job): Mean (average) hourly wage of those in training related job (main full-time or part-time 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.  