



A Summary of Survey Results (3 year average) - Apprenticeship Student Outcomes

Program:
Machinist Apprentice

Survey Year
2016 2017 2018

Currently Employed
at time of survey



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



■ full-time

Unemployed
in labour force



Last Level Completers

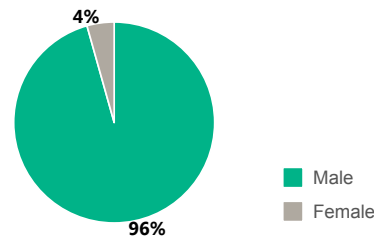
2015	2016	2017
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Eligible Students: 152
Respondents: 92
Response Rate: 61%

Of Those Employed
Job Status

Employed in a permanent job	98%
Employed in a training-related job	84%

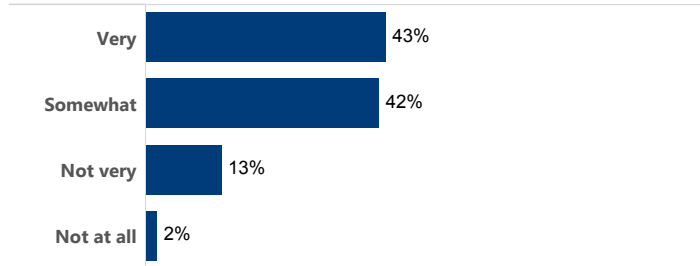
Gender



Age

20-24	18%
25-29	35%
30-34	23%
35-39	5%
40-44	8%
45-49	4%
50-54	7%

How related is your (main) job to the training you took?



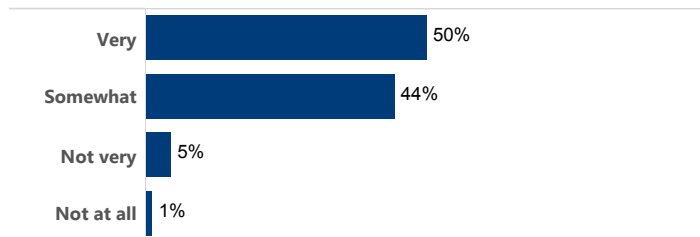
Previous Education

In high school Apprentice program (not asked in 2014, 2016)	16%
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Median Hourly Wage
(of main job)

\$32

How useful have the knowledge and skills you gained in your program at your institution been in performing you (main) job?



Top 5 Jobs Obtained Related to Program

NOC 4	Occupation	% of Those Employed in Training-Related Jobs	Median Hourly Wage
7231	Machinists and machining and tooling inspectors	91%	\$32
2252	Industrial designers	1%	\$30
7201	Contractors and supervisors, machining, metal forming, shaping and erecting trades and related o..	1%	\$35
7232	Tool and die makers	1%	\$29
7311	Construction millwrights and industrial mechanics	1%	

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.



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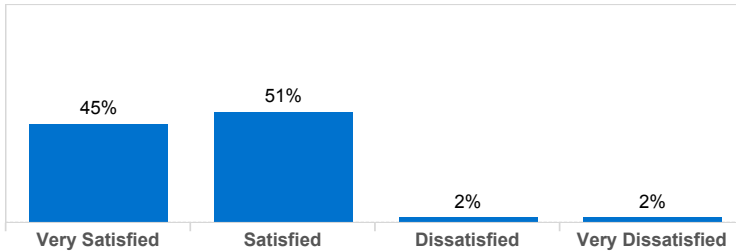
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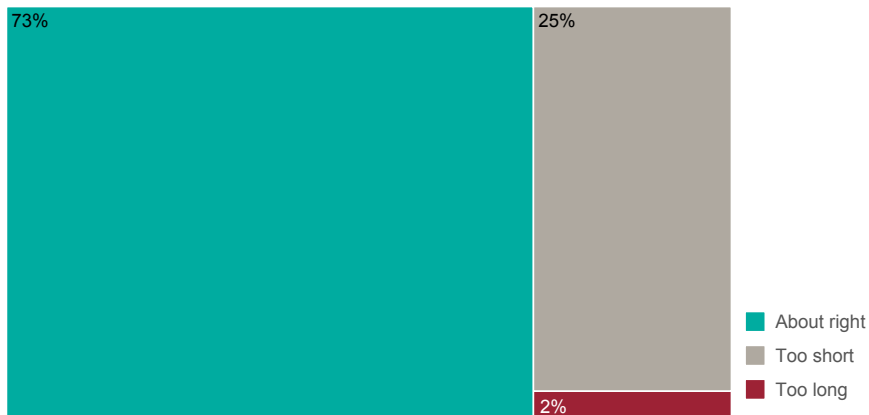
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Of Respondents:	
In School Experiences	
Relocated to attend school (not asked in 2015)	41%
Received Certificate of Qualification	92%

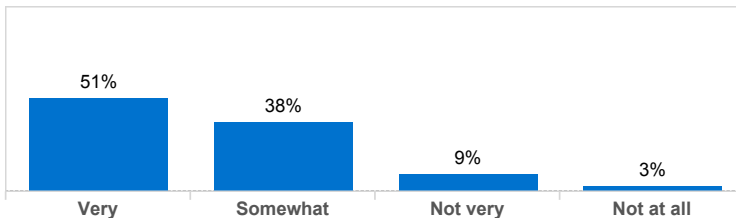
How satisfied are you with the education you received?



Was the length of your in-school training adequate to cover the material? (not asked in 2015, 2017)



How useful have the knowledge and skills you gained from your program been in preparing you to write the TQ, CQ, or Interprovincial Red Seal certification examination? (not asked in 2016)

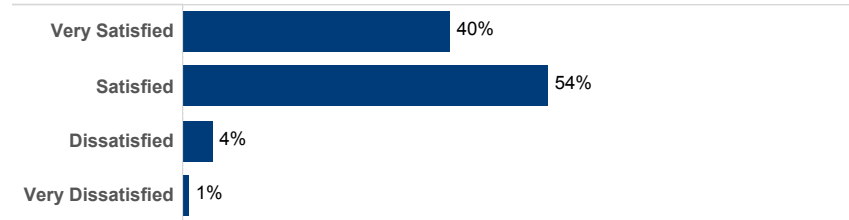


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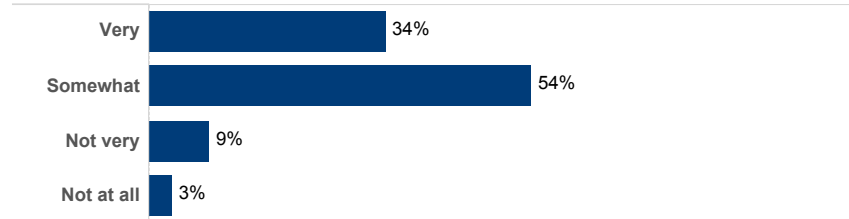
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How satisfied are you with the overall workplace training experience (excludes "Not applicable" responses)?



How related was your in-school training to your workplace experience (excludes "Not applicable" responses)?



How long did it take you to find a job in your trade after you finished your training?





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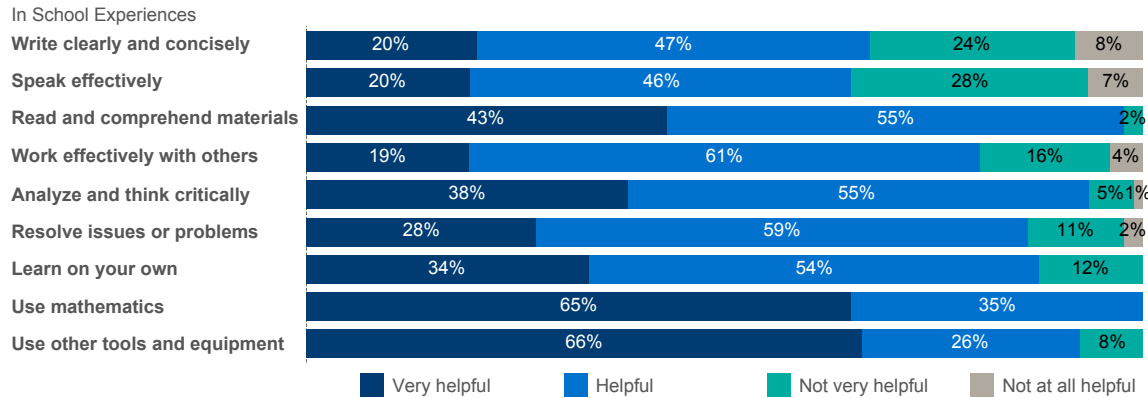
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Respondents: 92

Response Rate: 61%

Skill Development

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



Aspects of Program

How did students rate:

In School Experiences	Very Good	Good	Adequate	Poor	Very Poor
Quality of instruction	38%	38%	20%	3%	0%
Organization of program	30%	38%	24%	8%	0%
Amount of practical experience	39%	35%	22%	4%	0%
Textbooks and learning materials	20%	41%	32%	5%	2%
Quality of other tools and equipment	33%	39%	18%	8%	2%

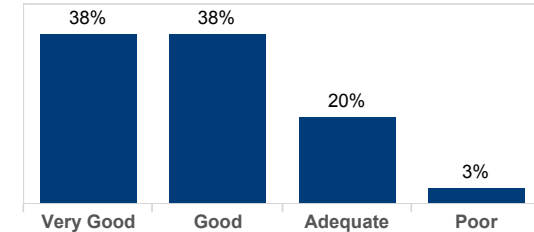
Aspects of Courses

How did students rate:

In School Experiences	Very Good	Good	Adequate	Poor	Very Poor
Courses were up to date	23%	37%	24%	11%	5%
Covering topics relevant to field	24%	46%	21%	9%	1%

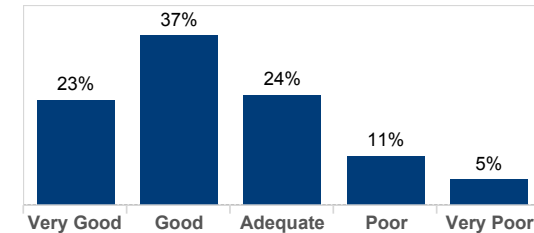
Aspects of Program

How did students rate:
Quality of Instruction



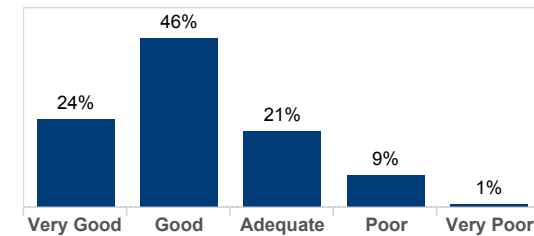
Aspects of Courses

How did students rate:
Courses were up to date



Aspects of Courses

How did students rate:
Covering topics relevant to field



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.

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 Apprenticeship Student Outcomes Survey (APPSO)

Survey year(s): 2016, 2017, 2018

Results are from previous years **2015 - 2017 last level completers** and are subject to industry and occupational trends

About the APPSO survey:

*The TRADES Student Outcomes data release replaces the previous data release for the Apprenticeship Student Outcomes Survey; this survey is conducted annually from January to May. The eligible cohort for the APPSO survey consists of former apprenticeship students who have completed the final level of their technical training, 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. This workbook includes results from B.C.'s public and private apprenticeship training institutions. Please note this report does not include diploma, associate degree, 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 valid.**

Eligible Students: Count of total apprentice completers in programs

Respondents: Former students who responded to the APPSO survey.

Response Rate: Survey completion rate of program

Programs less than 8 respondents are excluded from Summary Outcomes individual program reports.

% Currently employed: 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).

% Unemployed in labour force: Percent of respondents who were currently unemployed and looking for work in labour force.

% Of those employed: Percent of respondents who were currently working full-time (30 hours or more per week), part-time (less than 30 hours per week)

% Of those employed: Job Status: Percent of respondents who were currently employed and their position was permanent, does not include apprentices who identified themselves as "self-employed". Job related respondents that were currently employed in an occupation that was either "very" or "somewhat" related to their past training

% How related is your (main) job to the training you took: Percent of respondents who felt their training was "very", "somewhat", "not very" or "not at all" related.

Previous education related to apprenticeship training: Those respondents who took high school apprentice programs (not asked in 2014 and 2016).

% How useful have the knowledge and skills you gained from your program at your Institute been in performing your job: Percent of respondents who were currently employed in an occupation and felt the knowledge and skills gained from their program were "very", "somewhat", "not very" or "not at all" useful.

Median Hourly wage (main job): Median (middle value) hourly wage of employed respondents who gave valid response (full-time or part-time, main job).

Jobs Related to Program: Based on NOC 4 digit code – the National Occupation Classification (NOC) is a systematic taxonomy of occupations in the Canadian labour market. The percentage employed is the number employed in training-related occupation out of all employed respondents broken out by NOC title. Relatedness is self-declared by the respondent.

% Satisfied with Education: Percent of respondents who felt "very", "satisfied", "dissatisfied" or "very dissatisfied" with education received.

% Satisfied with overall workplace training experience: Percent of respondents who were employed as an apprentice or had a work placement outside of their institution felt "very", "satisfied", "dissatisfied" or "very dissatisfied" with overall workplace training experience.

How related was your in-school training to your workplace experience? Asked of respondents who were employed as an apprentice or had a work placement outside of their institution.

% How useful have the knowledge and skills you gained from your program been in preparing you to write the TQ, CQ, or Interprovincial Red Seal certification examination?

Percent of respondents who felt the knowledge and skills gained were "very", "somewhat", "not very" or "not at all" useful. (not asked in 2016)

How long did it take you to find a job in your trade after you finished your training: Asked of respondents who did not have a job to go back to after their training, took "less than one month", "1 to 2 months", "3 to 4 months", "5 to 6 months", or "more than 6 months".