

# Program Scorecard 2019-2020

## Machine Tool Operator 31-420-8

	2018-19		2017-18		2016-17	
Full-Time	6	86%	9	75%	1	100%
Part-Time	1	14%	3	25%	0	0%
Disabilities	2	29%	0	0%	0	0%
Minorities	0	0%	0	0%	0	0%
Financial Aid	3	43%	5	42%	0	0%
Male	7	100%	10	83%	1	100%
Female	0	0%	2	17%	0	0%
Mean Age	29		27		19	
Median Age	20		25		19	
Mode Age	19		20		19	
Bias per WTCS (NTO)	None		None		None	
Total Program Students	7		12		1	
Total Pre-Program Students	0		0		0	

NOTE: Demographics include program students only, with the exception of financial aid

	2018-19	2017-18	2016-17	2015-16
New Accepted Students	10	8	5	NA
Capacity	16	18	16	NA
Percent Capacity	63%	44%	31%	NA
FTEs	9	25	13.8	NA
Fall/Spring Waitlist	2	0	0	NA

Graduate Placement	2019-20	2018-19	2017-18	2016-17	2015-16
Graduates	17	16	10	NA	NA
Employed in Related Field	NA	100%	67%	NA	NA
Seeking Employment	NA	0%	0%	NA	NA
Continuing Education	NA	67%	70%	NA	NA
Survey Response Rate	NA	56%	100%	NA	NA

Wages & Openings	2018-19
CVTC Graduate Average Hourly Wage	NA
CVTC Graduate Average Yearly Wage	NA
Regional Entry Level Yearly Wage	\$34,554
Regional Job Openings	238

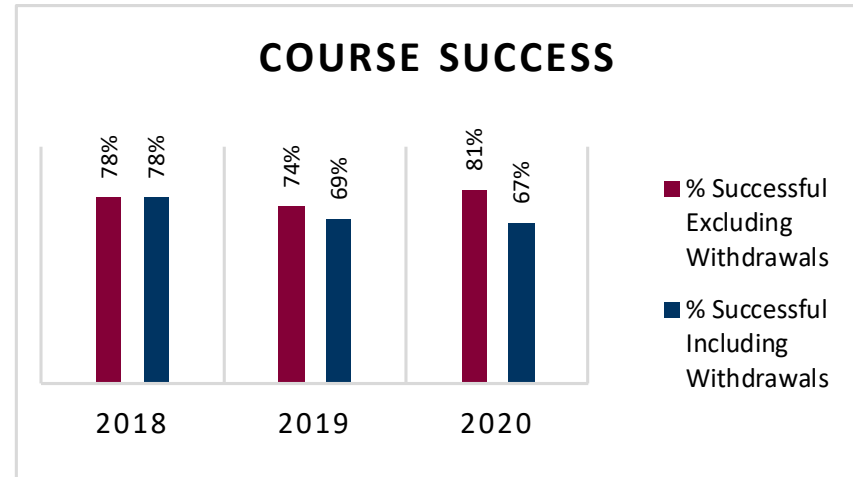
CVTC Key Performance Indicator Goals		
	Goal	Actual
Graduation within 2 years	80%	72%
Job Related Placement	90%	86%
Aidable FTEs	3,984	3,879

	2018-19		2017-18		2016-17	
Graduation within 2 Years	82%	86%	NA	NA	NA	80%

	2018-19		2017-18		2016-17	
Semester-to-Semester	33%	67%	NA	NA	NA	72%
Course Success Rate	60%	NA	75%	NA	NA	76%
Withdraw Rate	12%	9%	0%	NA	NA	NA
Course Success Rate	83%	83%	91%	NA	NA	92%
Withdraw Rate	6%	3%	0%	NA	NA	NA

	2018-19	2017-18	2016-17	2015-16
Met	11	12	0	NA
Not Met	0	1	0	NA
Not Assessed	4	0	0	NA

	2018-19	2017-18	2016-17
SSI- Instructional Effectiveness by Program (scale of 1 to 7)	NA	NA	6.3
CCSSE- Active & Collaborative Learning by Cluster (scale of 1 to 4)	2.2	2.4	



CVTC Course Success Goal: 80%

**CAREER CLUSTER**  
*Manufacturing*

**Machine Tool Operator (31-420-8)**

**2019-20 Course Success**

Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Blended (less than 50% online)	23	6	5	34	79%	68%
Face-to-Face	39	7	10	56	85%	70%
Faculty Enhanced	4	2	2	8	67%	50%
<b>Grand Total</b>	<b>66</b>	<b>15</b>	<b>17</b>	<b>98</b>	<b>81%</b>	<b>67%</b>

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
<b>420-300 Machine Shop Theory</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>86%</b>	<b>67%</b>
Face-to-Face	6	1	2	9	86%	67%
<b>420-310 CNC Programming Theory</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>86%</b>	<b>75%</b>
Face-to-Face	6	1	1	8	86%	75%
<b>420-318 Intro to Manual Lathe</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>100%</b>	<b>100%</b>
Blended (less than 50% online)	1	0	0	1	100%	100%
<b>420-321 Manual Turning Processes</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>83%</b>	<b>63%</b>
Blended (less than 50% online)	5	1	2	8	83%	63%
<b>420-322 Manual Milling Processes</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>10</b>	<b>63%</b>	<b>50%</b>
Blended (less than 50% online)	5	3	2	10	63%	50%
<b>420-325 Basic CNC Mill Programming</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>86%</b>	<b>75%</b>
Blended (less than 50% online)	6	1	1	8	86%	75%
<b>420-330 Basic CNC Lathe Programming</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>86%</b>	<b>86%</b>
Blended (less than 50% online)	6	1	0	7	86%	86%
<b>420-341 Materials for Machinists</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>86%</b>	<b>75%</b>
Face-to-Face	6	1	1	8	86%	75%
<b>420-373 Precision Measurement</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>9</b>	<b>71%</b>	<b>56%</b>
Face-to-Face	5	2	2	9	71%	56%
<b>420-380 2-D CAM</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>83%</b>	<b>71%</b>
Face-to-Face	5	1	1	7	83%	71%
<b>421-385 MT Blueprint Reading and GD&amp;T</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>83%</b>	<b>63%</b>
Face-to-Face	5	1	2	8	83%	63%

**Machine Tool Operator (31-420-8)**  
**2019-20 Course Success**

<b>Course &amp; Delivery Method</b>	<b>Successful Count</b>	<b>Unsuccessful Count</b>	<b>Withdrawal Count</b>	<b>Enrollment Count</b>	<b>% Successful Excluding Withdrawals</b>	<b>% Successful Including Withdrawals</b>
<b>804-360 Math for Technical Trades</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>67%</b>	<b>50%</b>
Faculty Enhanced	4	2	2	8	67%	50%
<b>804-362 Math 20</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>100%</b>	<b>86%</b>
Face-to-Face	6	0	1	7	100%	86%
<b>Grand Total</b>	<b>66</b>	<b>15</b>	<b>17</b>	<b>98</b>	<b>81%</b>	<b>67%</b>