

Program Scorecard 2022-23

Machine Tool Operator 31-420-8

Student Demographics	2022-23		2021-22		2020-21	
	Number	Percent	Number	Percent	Number	Percent
Full-Time	14	64%	5	63%	3	60%
Part-Time	8	36%	3	38%	2	40%
Students with Disabilities	2	9%	0	0%	2	40%
Students of Color	4	18%	0	0%	0	0%
Financial Aid Recipients	3	21%	5	63%	1	20%
Male	21	95%	7	88%	5	100%
Female	1	5%	1	13%	0	0%
Mean Age	28		26		22	
Median Age	22		23		21	
Mode Age	19		23		19	
Bias per WTCS (NTO*)	Female		Female		Female	
Total Program Students	22		8		5	
Total Pre-Program Students	0		0		0	

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

*NTO: non-traditional occupation

Student Interest	2022-23	2021-22	2020-21	2019-20	2018-19
New Accepted Students	12	9	6	10	8
Capacity	25	24	12	16	18
Percent Capacity	48%	38%	50%	63%	44%
FTEs	18	5	5	9	25
Fall/Spring Waitlist	0	0	0	2	0

Graduate Placement	2022-23*	2021-22	2020-21	2019-20	2018-19
Graduates	7	9	15	17	16
Employed in Related Field	NA	100%	100%	67%	100%
Seeking Employment	NA	0%	0%	0%	0%
Continuing Education	NA	71%	44%	50%	67%
Survey Response Rate	NA	88%	82%	50%	56%

*2022-23 graduate placement data is not available because graduates are surveyed 6 months to 1 year after graduation; 2022-23 data will be available spring 2024.

Wages & Openings	2021-22
CVTC Graduate Average Hourly Wage	\$20.68
CVTC Graduate Average Annual Wage	\$43,129
Regional Median Annual Wage	\$47,059
Regional Job Openings	278

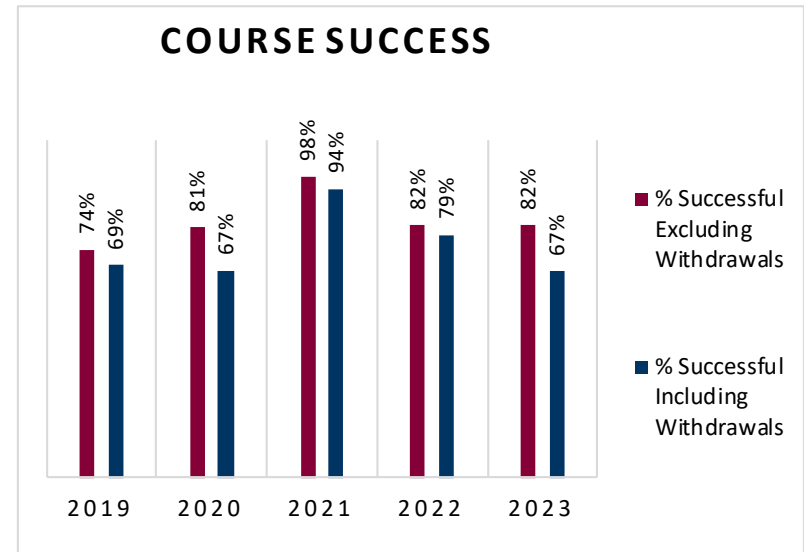
CVTC Key Performance Indicator Goals		
	Goal	Actual
Graduation within 2 years	80%	70%
Job Related Placement	90%	82%
Aidable FTEs	3,865	3,835

Graduation Rates	Cohort Year*					3 Year Program Target	WTCS
	2021-22	2020-21	2019-20	2018-19	2017-18		
Graduation within 2 Years	60%	94%	68%	82%	86%	86%	NA

*Cohort year is the year the student started in the program.

Retention Rates	Academic Year					3 Year Program Target
	Fall 2022 to Spring 2023	Fall 2021 to Spring 2022	Fall 2020 to Spring 2021	Fall 2019 to Spring 2020	Fall 2018 to Spring 2019	
Semester-to-Semester	70%	75%	100%	33%	67%	58%
Core Courses	2022-23	2021-22	2020-21	2019-20	2018-19	
Course Success Rate	68%	75%	89%	60%	67%	80%
Withdraw Rate	10%	2%	0%	12%	9%	NA
General Education Courses	2022-23	2021-22	2020-21	2019-20	2018-19	
Course Success Rate	NA	NA	NA	83%	83%	88%
Withdraw Rate	NA	NA	NA	6%	3%	NA

Technical Skills Attainment	2022-23	2021-22	2020-21	2019-20	2018-19
Met	11	4	22	11	12
Not Met	0	0	0	0	1
Not Assessed	0	1	0	4	0



CVTC Course Success Goal: 80%

CAREER CLUSTER
Manufacturing

Machine Tool Operator (31-420-8)

2022-23 Course Success

Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Face-to-Face	64	14	18	96	82%	67%
Grand Total	64	14	18	96	82%	67%

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
420-300 Machine Shop Theory	9	1	0	10	90%	90%
Face-to-Face	9	1	0	10	90%	90%
420-310 CNC Programming Theory	4	0	3	7	100%	57%
Face-to-Face	4	0	3	7	100%	57%
420-321 Manual Turning Processes	8	2	0	10	80%	80%
Face-to-Face	8	2	0	10	80%	80%
420-322 Manual Milling Processes	7	5	0	12	58%	58%
Face-to-Face	7	5	0	12	58%	58%
420-325 Basic CNC Mill Programming	4	1	3	8	80%	50%
Face-to-Face	4	1	3	8	80%	50%
420-330 Basic CNC Lathe Programming	5	0	3	8	100%	63%
Face-to-Face	5	0	3	8	100%	63%
420-332 CNC Equations 1	7	2	0	9	78%	78%
Face-to-Face	7	2	0	9	78%	78%
420-333 CNC Equations 2	4	1	3	8	80%	50%
Face-to-Face	4	1	3	8	80%	50%
420-341 Materials for Machinists	3	1	3	7	75%	43%
Face-to-Face	3	1	3	7	75%	43%
420-373 Precision Measurement	9	1	0	10	90%	90%
Face-to-Face	9	1	0	10	90%	90%
420-380 2-D CAM	4	0	3	7	100%	57%
Face-to-Face	4	0	3	7	100%	57%
Grand Total	64	14	18	96	82%	67%