

Program Scorecard 2022-23

Mechatronics Technician 31-462-2

Student Demographics	2022-23		2021-22		2020-21	
	Number	Percent	Number	Percent	Number	Percent
Full-Time	7	17%	9	33%	6	24%
Part-Time	34	83%	18	67%	19	76%
Students with Disabilities	3	7%	3	11%	1	4%
Students of Color	2	5%	1	4%	0	0%
Financial Aid Recipients	6	25%	4	15%	5	20%
Male	39	95%	26	96%	24	96%
Female	2	5%	1	4%	1	4%
Mean Age	30		28		28	
Median Age	28		24		23	
Mode Age	19		20		20	
Bias per WTCS (NTO*)	Female		Female		Female	
Total Program Students	41		27		25	
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	19	14	15	20	22
Capacity	94	81	84	84	57
Percent Capacity	20%	17%	18%	24%	39%
FTEs	21	15	13	19	33
Fall/Spring Waitlist	0	0	0	0	0

Graduate Placement	2022-23*	2021-22	2020-21	2019-20	2018-19
Graduates	16	12	12	19	25
Employed in Related Field	NA	67%	0%	86%	100%
Seeking Employment	NA	0%	0%	0%	0%
Continuing Education	NA	50%	75%	0%	33%
Survey Response Rate	NA	60%	44%	39%	75%

*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	\$28.51
CVTC Graduate Average Annual Wage	\$63,716
Regional Median Annual Wage	\$49,833
Regional Job Openings	389

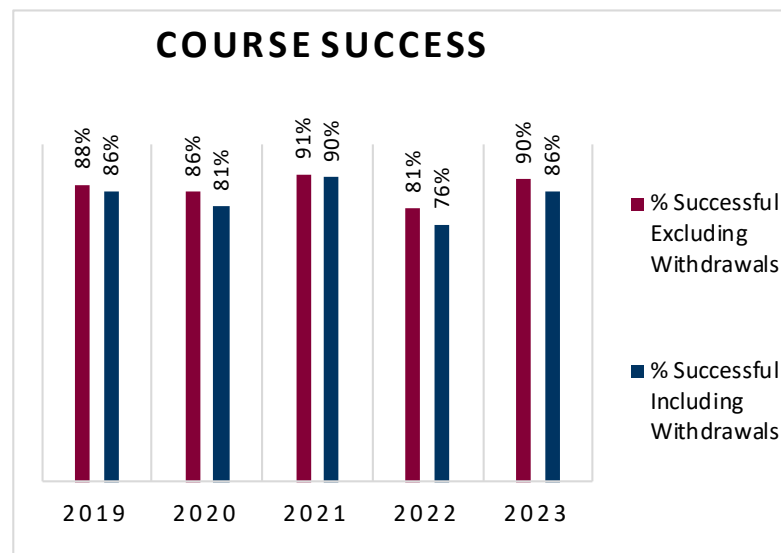
CVTC Key Performance Indicator Goals		
	Goal	Actual
Graduation within 2 years	80%	70%
Job Related Placement	90%	82%
Aidable FTEs	3,865	3,835

Graduation Rates	Cohort Year*					3 Year Program Target	WTCS
	2021-22	2020-21	2019-20	2018-19	2017-18		
Graduation within 2 Years	39%	57%	43%	62%	49%	59%	31%

*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	76%	60%	80%	56%	71%	73%
Core Courses	2022-23	2021-22	2020-21	2019-20	2018-19	
Course Success Rate	86%	75%	84%	80%	84%	85%
Withdraw Rate	3%	3%	1%	2%	0%	NA
General Education Courses	2022-23	2021-22	2020-21	2019-20	2018-19	
Course Success Rate	NA	NA	NA	NA	NA	NA
Withdraw Rate	NA	NA	NA	NA	NA	NA

Technical Skills Attainment	2022-23	2021-22	2020-21	2019-20	2018-19
Met	6	13	3	6	15
Not Met	0	0	0	0	0
Not Assessed	0	1	1	1	0



CVTC Course Success Goal: 80%

CAREER CLUSTER
Manufacturing

Mechatronics Technician (31-462-2)

2022-23 Course Success

Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Face-to-Face	121	13	7	141	90%	86%
Grand Total	121	13	7	141	90%	86%

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
419-102 Hydraulic System Operations	5	0	0	5	100%	100%
Face-to-Face	5	0	0	5	100%	100%
419-116 Basic Hydraulics	12	2	1	15	86%	80%
Face-to-Face	12	2	1	15	86%	80%
419-117 Basic Pneumatics	12	2	0	14	86%	86%
Face-to-Face	12	2	0	14	86%	86%
419-118 Pneumatic System Operations	5	0	0	5	100%	100%
Face-to-Face	5	0	0	5	100%	100%
442-120 Related Welding-Indust Mech	10	0	1	11	100%	91%
Face-to-Face	10	0	1	11	100%	91%
462-111 Mechanical Concepts	11	2	0	13	85%	85%
Face-to-Face	11	2	0	13	85%	85%
462-115 Industrial PC Network Concepts	6	3	1	10	67%	60%
Face-to-Face	6	3	1	10	67%	60%
462-118 Industrial Electric Principles	4	0	0	4	100%	100%
Face-to-Face	4	0	0	4	100%	100%
462-119 Industrial Mechanical Skills	8	1	1	10	89%	80%
Face-to-Face	8	1	1	10	89%	80%
462-120 Centrifugal Pumps & Alignment	8	0	1	9	100%	89%
Face-to-Face	8	0	1	9	100%	89%
462-121 IOT Automated Manufacturing	6	0	0	6	100%	100%
Face-to-Face	6	0	0	6	100%	100%
462-122 Prev and Periodic Maintenance	5	0	0	5	100%	100%
Face-to-Face	5	0	0	5	100%	100%

**Mechatronics Technician (31-462-2)
2022-23 Course Success**

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
462-123 PLC Manufacturing Applications	7	0	0	7	100%	100%
Face-to-Face	7	0	0	7	100%	100%
462-126 Mechanical Alignment & Bearing	8	0	1	9	100%	89%
Face-to-Face	8	0	1	9	100%	89%
462-132 Mach Trbleshting & Repair Adv	6	0	0	6	100%	100%
Face-to-Face	6	0	0	6	100%	100%
625-180 Manufacturing Skills Standards	8	3	1	12	73%	67%
Face-to-Face	8	3	1	12	73%	67%
Grand Total	121	13	7	141	90%	86%