Program Scorecard 2022-23
Electromechanical Maintenance Tech. 31-620-3

Student Demographics	2022-23		2021-22		2020-21	
	Number	Percent	Number	Percent	Number	Percent
Full-Time	12	43%	9	45%	5	26%
Part-Time	16	57%	11	55%	14	74%
Students with Disabilities	3	11%	1	5%	0	0%
Students of Color	5	18%	0	0%	1	5%
Financial Aid Recipients	4	29%	3	15%	5	26%
Male	28	100%	19	95%	18	95%
Female	0	0%	1	5%	1	5%
Mean Age	30		27		26	
Median Age	31		22		21	
Mode Age	19		19		21	
Bias per WTCS (NTO*)	Female		Female		Female	
Total Program Students	28		20		19	
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	11	15	18	16	9
Capacity	27	29	22	26	15
Percent Capacity	41%	52%	82%	62%	60%
FTEs	17	9	9	12	10
Fall/Spring Waitlist	0	0	0	0	0

Graduate Placement	2022-23*	2021-22	2020-21	2019-20	2018-19
Graduates	16	20	22	18	6
Employed in Related Field	NA	100%	100%	100%	NA
Seeking Employment	NA	0%	0%	0%	NA
Continuing Education	NA	43%	90%	86%	100%
Survey Response Rate	NA	100%	91%	70%	100%

*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.

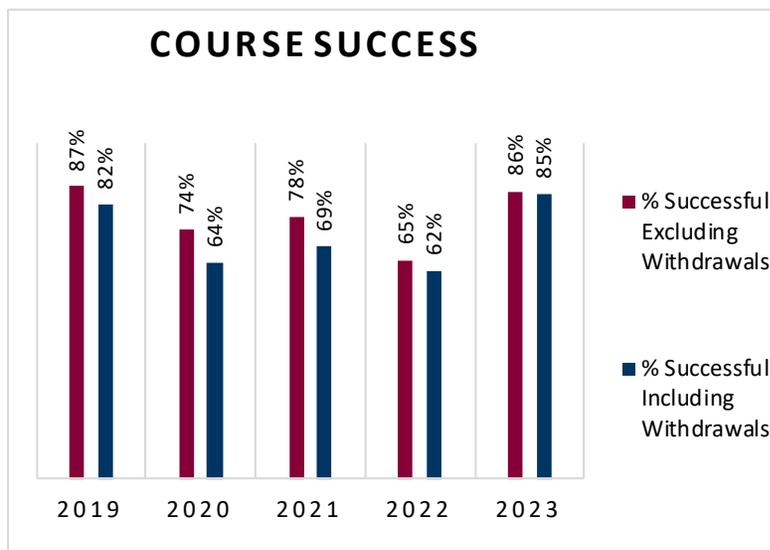| Wages & Openings	2021-22
CVTC Graduate Average Hourly Wage	$28.04
CVTC Graduate Average Annual Wage	$62,144
Regional Median Annual Wage	$60,378
Regional Job Openings	133

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

CAREER CLUSTER
Manufacturing

Graduation Rates	Cohort Year*					3 Year Program Target	WTCS
	2021-22	2020-21	2019-20	2018-19	2017-18		
Graduation within 2 Years	70%	62%	57%	64%	90%	66%	19%

*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	83%	71%	67%	75%	20%	76%
Core Courses	2022-23	2021-22	2020-21	2019-20	2018-19	
Course Success Rate	91%	61%	76%	69%	76%	74%
Withdraw Rate	0%	0%	5%	6%	0%	NA
General Education Courses	2022-23	2021-22	2020-21	2019-20	2018-19	
Course Success Rate	67%	70%	43%	70%	75%	66%
Withdraw Rate	0%	10%	0%	0%	0%	NA

Technical Skills Attainment	2022-23	2021-22	2020-21	2019-20	2018-19
Met	7	6	29	36	30
Not Met	0	0	0	0	0
Not Assessed	0	0	2	1	1

COURSE SUCCESS

Year	% Successful Excluding Withdrawals	% Successful Including Withdrawals
2019	87%	82%
2020	74%	64%
2021	78%	69%
2022	65%	62%
2023	86%	85%

CVTC Course Success Goal: 80%

Electromechanical Maintenance Technician (31-620-3)
2022-23 Course Success

Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Face-to-Face	82	8	1	91	91%	90%
Hybrid (50% or more online)	1	2	0	3	33%	33%
Online	6	5	0	11	55%	55%
Grand Total	**89**	**15**	**1**	**105**	**86%**	**85%**

Courses & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
462-111 Mechanical Concepts	**1**	**0**	**0**	**1**	**100%**	**100%**
Face-to-Face	1	0	0	1	100%	100%
605-107 Basic Electronics with Digital	**10**	**0**	**0**	**10**	**100%**	**100%**
Face-to-Face	10	0	0	10	100%	100%
605-108 Electronic Control Devices	**6**	**2**	**0**	**8**	**75%**	**75%**
Face-to-Face	6	2	0	8	75%	75%
606-185 Blueprint Reading	**6**	**0**	**0**	**6**	**100%**	**100%**
Face-to-Face	2	0	0	2	100%	100%
Online	4	0	0	4	100%	100%
612-101 Related Fluid Power	**5**	**2**	**0**	**7**	**71%**	**71%**
Face-to-Face	5	2	0	7	71%	71%
620-101 Automated Processes	**5**	**1**	**0**	**6**	**83%**	**83%**
Face-to-Face	5	1	0	6	83%	83%
620-135 PLC Introduction	**6**	**2**	**0**	**8**	**75%**	**75%**
Face-to-Face	6	2	0	8	75%	75%
620-144 Applied EM Machine Principles	**7**	**0**	**0**	**7**	**100%**	**100%**
Face-to-Face	7	0	0	7	100%	100%
620-145 Industrial Robotics Systems	**1**	**0**	**0**	**1**	**100%**	**100%**
Face-to-Face	1	0	0	1	100%	100%
620-155 Industrial Electronics I	**11**	**1**	**0**	**12**	**92%**	**92%**
Face-to-Face	11	1	0	12	92%	92%
620-156 Industrial Electronics II	**8**	**0**	**0**	**8**	**100%**	**100%**

Electromechanical Maintenance Technician (31-620-3)
2022-23 Course Success

Courses & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Face-to-Face	8	0	0	8	100%	100%
620-191 Motion Control Applications	**1**	**0**	**0**	**1**	**100%**	**100%**
Face-to-Face	1	0	0	1	100%	100%
620-193 Electronic Software Applic	**11**	**0**	**0**	**11**	**100%**	**100%**
Face-to-Face	11	0	0	11	100%	100%
631-109 Industrial Internet of Things	**7**	**2**	**1**	**10**	**78%**	**70%**
Face-to-Face	6	0	1	7	100%	86%
Hybrid (50% or more online)	1	2	0	3	33%	33%
801-136 English Composition 1	**1**	**2**	**0**	**3**	**33%**	**33%**
Online	1	2	0	3	33%	33%
804-113 College Technical Math 1A	**2**	**1**	**0**	**3**	**67%**	**67%**
Face-to-Face	1	0	0	1	100%	100%
Online	1	1	0	2	50%	50%
806-154 General Physics 1	**1**	**1**	**0**	**2**	**50%**	**50%**
Face-to-Face	1	0	0	1	100%	100%
Online	0	1	0	1	0%	0%
809-251 General Psychology	**0**	**1**	**0**	**1**	**0%**	**0%**
Online	0	1	0	1	0%	0%
Grand Total	**89**	**15**	**1**	**105**	**86%**	**85%**