

Program Scorecard 2022-23

Air Conditioning, Heating & Refrigeration Tech 10-601-1

Student Demographics	2022-23		2021-22		2020-21	
	Number	Percent	Number	Percent	Number	Percent
Full-Time	11	73%	12	80%	9	100%
Part-Time	4	27%	2	13%	0	0%
Students with Disabilities	1	7%	0	0%	0	0%
Students of Color	1	7%	0	0%	1	11%
Financial Aid Recipients	6	40%	3	20%	6	67%
Male	15	100%	12	86%	9	100%
Female	0	0%	2	14%	0	0%
Mean Age	26		28		23	
Median Age	20		20		21	
Mode Age	20		20		20	
Bias per WTCS (NTO*)	Female		Female		Female	
Total Program Students	15		14		9	
Total Pre-Program Students	0		1		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	14	13	9	11	0
Capacity	18	18	18	30	34
Percent Capacity	78%	72%	50%	37%	0%
FTEs	13	14	10	11	20
Fall/Spring Waitlist	0	0	0	0	0

Graduate Placement	2022-23*	2021-22	2020-21	2019-20	2018-19
Graduates	11	13	8	7	13
Employed in Related Field	NA	100%	80%	100%	89%
Seeking Employment	NA	0%	0%	0%	0%
Continuing Education	NA	13%	0%	0%	0%
Survey Response Rate	NA	62%	63%	86%	69%

*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	\$19.61
CVTC Graduate Average Annual Wage	\$43,181
Regional Median Annual Wage	\$58,622
Regional Job Openings	54

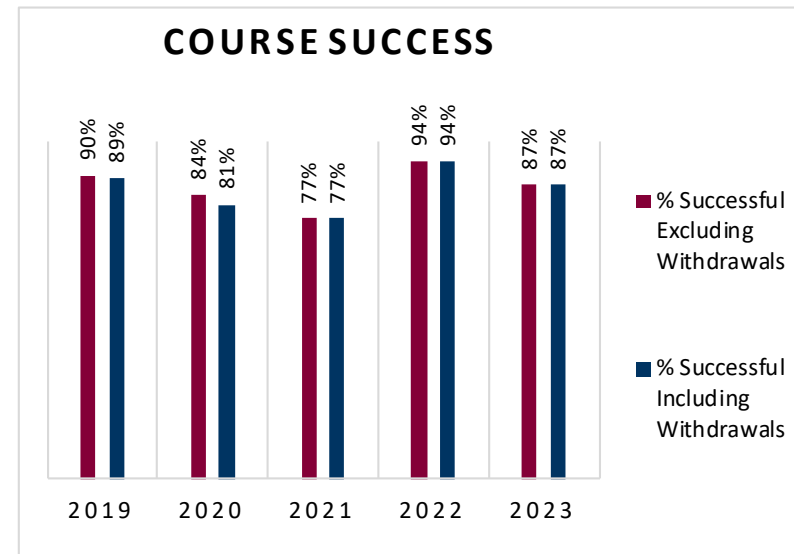
CVTC Key Performance Indicator Goals		
	Goal	Actual
Graduation within 3 years	55%	43%
Job Related Placement	90%	82%
Aidable FTEs	3,865	3,835

Graduation Rates	Cohort Year*					Program Target	WTCS
	2020-21	2019-20	2018-19	2017-18	2016-17		
Graduation within 3 Years	89%	63%	NA	41%	32%	42%	28%
Graduation within 4 Years	NA	63%	NA	41%	36%	43%	28%

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

Retention Rates	Academic Year					Program Target
	Fall 2022 to Fall 2023	Fall 2021 to Fall 2022	Fall 2020 to Fall 2021	Fall 2019 to Fall 2020	Fall 2018 to Fall 2019	
Fall-to-Fall Retention	33%	100%	NA	NA	36%	NA
Core Courses	2022-23	2021-22	2020-21	2019-20	2018-19	
Course Success Rate	92%	96%	83%	84%	91%	92%
Withdraw Rate	0%	0%	0%	2%	1%	NA
General Education Courses	2022-23	2021-22	2020-21	2019-20	2018-19	
Course Success Rate	79%	90%	69%	69%	81%	81%
Withdraw Rate	0%	2%	0%	0%	0%	NA

Technical Skills Attainment	2022-23	2021-22	2020-21	2019-20	2018-19
Met	12	13	8	7	13
Not Met	0	0	0	0	1
Not Assessed	0	0	1	4	0



CVTC Course Success Goal: 80%

CAREER CLUSTER
Architecture & Construction

**Air Conditioning, Heating, and Refrigeration Technology (10-601-1)
2022-23 Course Success**

Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Blended (less than 50% online)	26	1	0	27	96%	96%
Face-to-Face	53	9	0	62	85%	85%
Online	4	2	0	6	67%	67%
Grand Total	83	12	0	95	87%	87%

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
601-114 Plan & Print Reading-HVAC	12	1	0	13	92%	92%
Blended (less than 50% online)	12	1	0	13	92%	92%
601-117 Drafting-HVAC	9	3	0	12	75%	75%
Face-to-Face	9	3	0	12	75%	75%
601-118 Sustainability for HVAC	1	0	0	1	100%	100%
Face-to-Face	1	0	0	1	100%	100%
601-119 Hydronic System Design	13	0	0	13	100%	100%
Face-to-Face	13	0	0	13	100%	100%
601-122 HVACR Industry Skills 2	1	0	0	1	100%	100%
Blended (less than 50% online)	1	0	0	1	100%	100%
601-130 Sheet Metal Layout	1	0	0	1	100%	100%
Face-to-Face	1	0	0	1	100%	100%
601-143 Advanced HVAC Controls	12	0	0	12	100%	100%
Blended (less than 50% online)	12	0	0	12	100%	100%
601-144 Solar/Wind Applications	1	0	0	1	100%	100%
Blended (less than 50% online)	1	0	0	1	100%	100%
601-151 Technical Problems-HVAC	1	0	0	1	100%	100%
Face-to-Face	1	0	0	1	100%	100%
601-163 Residential HVAC Load Calcs	1	0	0	1	100%	100%
Face-to-Face	1	0	0	1	100%	100%
801-136 English Composition 1	9	1	0	10	90%	90%
Face-to-Face	8	0	0	8	100%	100%

Air Conditioning, Heating, and Refrigeration Technology (10-601-1)
2022-23 Course Success

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Online	1	1	0	2	50%	50%
804-113 College Technical Math 1A	7	2	0	9	78%	78%
Face-to-Face	5	2	0	7	71%	71%
Online	2	0	0	2	100%	100%
809-195 Economics	6	4	0	10	60%	60%
Face-to-Face	6	3	0	9	67%	67%
Online	0	1	0	1	0%	0%
809-199 Psychology of Human Relations	9	1	0	10	90%	90%
Face-to-Face	8	1	0	9	89%	89%
Online	1	0	0	1	100%	100%
Grand Total	83	12	0	95	87%	87%