

Program Scorecard 2019-2020

A/C, Heating & Refrigeration 10-601-1

Student Demographics	2019-20		2018-19		2017-18	
	Number	Percent	Number	Percent	Number	Percent
Full-Time	11	92%	18	75%	33	79%
Part-Time	1	8%	6	25%	9	21%
Disabilities	1	8%	0	0%	2	5%
Minorities	2	17%	2	8%	3	7%
Financial Aid	4	33%	13	54%	29	69%
Male	11	92%	23	96%	41	98%
Female	1	8%	1	4%	1	2%
Mean Age	28		29		25	
Median Age	24		25		24	
Mode Age	19		21		20	
Bias per WTCS (NTO)	Female		Female		Female	
Total Program Students	12		24		42	
Total Pre-Program Students	0		0		0	

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

Student Interest	2019-20	2018-19	2017-18	2016-17	2015-16
New Accepted Students	11	0	30	31	12
Capacity	30	34	40	37	29
Percent Capacity	37%	0%	75%	84%	41%
FTEs	11	19.8	40	33.4	22.2
Fall/Spring Waitlist	0	0	0	0	0

Graduate Placement	2019-20	2018-19	2017-18	2016-17	2015-16
Graduates	7	13	13	4	10
Employed in Related Field	NA	89%	100%	100%	100%
Seeking Employment	NA	0%	0%	0%	0%
Continuing Education	NA	0%	10%	0%	0%
Survey Response Rate	NA	69%	77%	100%	80%

Wages & Openings	2018-19
CVTC Graduate Average Hourly Wage	\$21.33
CVTC Graduate Average Yearly Wage	\$46,946
Regional Entry Level Yearly Wage	\$35,624
Regional Job Openings	41

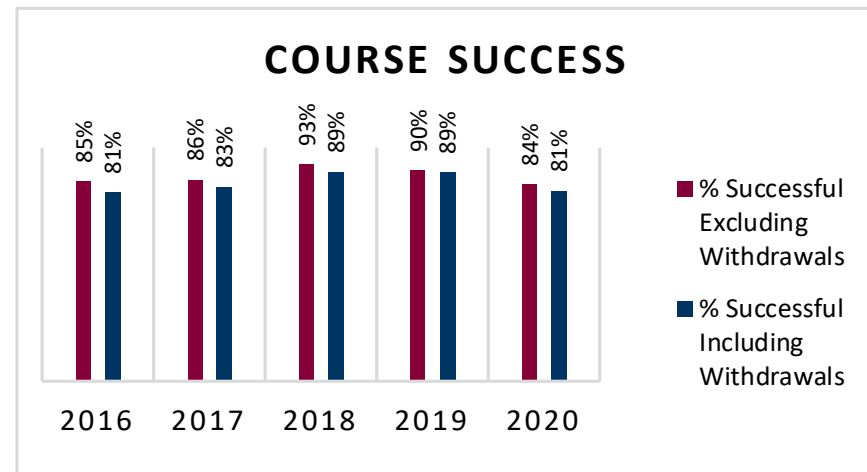
CVTC Key Performance Indicator Goals		
	Goal	Actual
Graduation within 3 years	55%	40%
Job Related Placement	90%	86%
Aidable FTEs	3,984	3,879

Graduation Rates	Cohort Year					Program Target	WTCS
	2017-18	2016-17	2015-16	2014-15	2013-14		
Graduation within 3 Years	41%	32%	42%	31%	44%	44%	32%
Graduation within 4 Years	NA	36%	50%	31%	44%	47%	35%

Retention Rates	Academic Year					Program Target
	Fall 2019 to Fall 2020	Fall 2018 to Fall 2019	Fall 2017 to Fall 2018	Fall 2016 to Fall 2017	Fall 2015 to Fall 2016	
Fall-to-Fall Retention	NA	36%	65%	44%	58%	53%
Core Courses	2019-20	2018-19	2017-18	2016-17	2015-16	
Course Success Rate	84%	91%	92%	84%	88%	94%
Withdraw Rate	2%	1%	2%	2%	0%	NA
General Education Courses	2019-20	2018-19	2017-18	2016-17	2015-16	
Course Success Rate	69%	81%	77%	73%	67%	82%
Withdraw Rate	0%	0%	6%	4%	14%	NA

Technical Skills Attainment	2019-20	2018-19	2017-18	2016-17	2015-16
Met	7	13	13	5	0
Not Met	0	1	0	0	0
Not Assessed	4	0	0	1	0

Student Surveys	2019-20	2018-19	2017-18	2016-17	CVTC
SSI- Instructional Effectiveness by Program (scale of 1 to 7)		5.9		6.3	6.3
CCSSE- Active & Collaborative Learning by Cluster (scale of 1 to 4)			2.4		2.4



CAREER CLUSTER
Architecture & Construction

Air Conditioning, Heating, and Refrigeration (10-601-1)
2019-20 Course Success

Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Face-to-Face	88	13	4	105	87%	84%
Faculty Enhanced	5	5	0	10	50%	50%
Online	2	0	0	2	100%	100%
Telepresence	5	1	0	6	83%	83%
Grand Total	100	19	4	123	84%	81%

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
601-108 Prncples of Gas Heat & Airfl	1	0	0	1	100%	100%
Face-to-Face	1	0	0	1	100%	100%
601-109 Prin of Oil, Elec & Hydron Htg	1	0	0	1	100%	100%
Face-to-Face	1	0	0	1	100%	100%
601-112 Principles of Air Handling	10	0	0	10	100%	100%
Face-to-Face	10	0	0	10	100%	100%
601-113 HVAC Systems Design	5	5	1	11	50%	45%
Face-to-Face	5	5	1	11	50%	45%
601-114 Plan & Print Reading-HVAC	10	0	0	10	100%	100%
Face-to-Face	10	0	0	10	100%	100%
601-116 Principles of Air Conditioning	1	0	0	1	100%	100%
Face-to-Face	1	0	0	1	100%	100%
601-117 Drafting-HVAC	5	5	1	11	50%	45%
Face-to-Face	5	5	1	11	50%	45%
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	11	0	0	11	100%	100%
Face-to-Face	11	0	0	11	100%	100%
601-121 HVAC/R Service & Applications	1	0	0	1	100%	100%
Face-to-Face	1	0	0	1	100%	100%
601-143 Advanced HVAC Controls	10	0	0	10	100%	100%

Air Conditioning, Heating, and Refrigeration (10-601-1)
2019-20 Course Success

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Face-to-Face	10	0	0	10	100%	100%
601-145 Geothermal Applications	1	0	0	1	100%	100%
Face-to-Face	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%
601-161 HVAC Load Calc & Psychrometric	2	0	0	2	100%	100%
Face-to-Face	2	0	0	2	100%	100%
601-165 CAD - HVAC	10	1	0	11	91%	91%
Face-to-Face	10	1	0	11	91%	91%
614-170 Drafting & Design Open Lab	2	0	0	2	100%	100%
Face-to-Face	2	0	0	2	100%	100%
801-136 English Composition 1	5	1	0	6	83%	83%
Face-to-Face	4	1	0	5	80%	80%
Online	1	0	0	1	100%	100%
804-113 College Technical Math 1A	5	5	0	10	50%	50%
Faculty Enhanced	5	5	0	10	50%	50%
806-143 College Physics 1	10	0	1	11	100%	91%
Face-to-Face	10	0	1	11	100%	91%
809-195 Economics	5	1	0	6	83%	83%
Telepresence	5	1	0	6	83%	83%
809-199 Psychology of Human Relations	3	1	1	5	75%	60%
Face-to-Face	2	1	1	4	67%	50%
Online	1	0	0	1	100%	100%
Grand Total	100	19	4	123	84%	81%