

Program Scorecard 2019-2020

A/C, Heating, & Refrigeration Tech. 31-401-1

Student Demographics	2019-20		2018-19		2017-18	
	Number	Percent	Number	Percent	Number	Percent
Full-Time	41	77%	40	80%	11	79%
Part-Time	12	23%	10	20%	3	21%
Disabilities	0	0%	3	6%	1	7%
Minorities	1	2%	3	6%	1	7%
Financial Aid	26	49%	26	52%	5	5%
Male	52	98%	48	96%	14	100%
Female	1	2%	2	4%	0	0%
Mean Age	25		26		25	
Median Age	21		21		24	
Mode Age	19		19		20	
Bias per WTCS (NTO)	Female		Female		Female	
Total Program Students	53		50		14	
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	47	50	8	14	10
Capacity	59	61	13	14	21
Percent Capacity	80%	82%	62%	100%	48%
FTEs	41	46	22.8	30.6	12.1
Fall/Spring Waitlist	0	0	0	0	0

Graduate Placement	2019-20	2018-19	2017-18	2016-17	2015-16
Graduates	29	29	18	22	7
Employed in Related Field	NA	100%	86%	89%	100%
Seeking Employment	NA	0%	13%	18%	0%
Continuing Education	NA	43%	47%	42%	17%
Survey Response Rate	NA	79%	83%	86%	86%

Wages & Openings	2018-19
CVTC Graduate Average Hourly Wage	\$18.91
CVTC Graduate Average Yearly Wage	\$43,793
Regional Entry Level Yearly Wage	\$34,070
Regional Job Openings	47

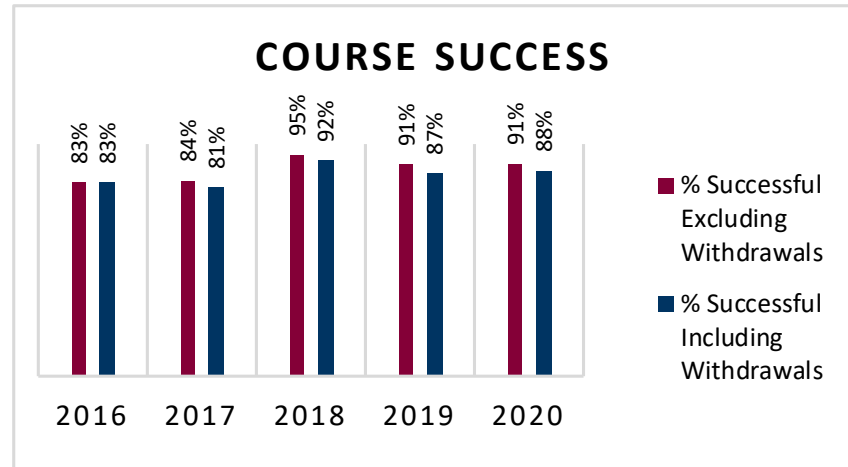
CVTC Key Performance Indicator Goals		
	Goal	Actual
Graduation within 2 years	80%	72%
Job Related Placement	90%	86%
Aidable FTEs	3,984	3,879

Graduation Rates	Cohort Year					3 Year Program Target	WTCS
	2018-19	2017-18	2016-17	2015-16	2014-15		
Graduation within 2 Years	63%	86%	79%	58%	53%	75%	64%

Retention Rates	Academic Year					3 Year Program Target
	Fall 2019 to Spring 2020	Fall 2018 to Spring 2019	Fall 2017 to Spring 2018	Fall 2016 to Spring 2017	Fall 2015 to Spring 2016	
Semester-to-Semester	84%	87%	80%	84%	75%	89%
Core Courses	2019-20	2018-19	2017-18	2016-17	2015-16	
Course Success Rate	88%	79%	96%	86%	88%	96%
Withdraw Rate	3%	NA	2%	2%	6%	NA
General Education Courses	2019-20	2018-19	2017-18	2016-17	2015-16	
Course Success Rate	86%	80%	86%	78%	60%	86%
Withdraw Rate	3%	6%	4%	2%	0%	NA

Technical Skills Attainment	2019-20	2018-19	2017-18	2016-17	2015-16
Met	29	28	27	26	0
Not Met	0	0	0	3	0
Not Assessed	2	6	0	3	0

Student Surveys	2019-20	2018-19	2017-18	2016-17	CVTC
SSI- Instructional Effectiveness by Program (scale of 1 to 7)		6.4		6.4	6.3
CCSSE- Active & Collaborative Learning by Cluster (scale of 1 to 4)			2.4		2.4



CVTC Course Success Goal: 80%

CAREER CLUSTER
Architecture & Construction

**A/C, Heating, and Refrigeration Tech (31-401-1)
2019-20 Course Success**

Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Face-to-Face	685	66	27	778	91%	88%
Hybrid (50% or more online)	1	0	0	1	100%	100%
Online	4	0	0	4	100%	100%
Grand Total	690	66	27	783	91%	88%

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
601-105 Refrigeration Principles	33	4	0	37	89%	89%
Face-to-Face	33	4	0	37	89%	89%
601-106 Refrigeration Theory	37	1	2	40	97%	93%
Face-to-Face	37	1	2	40	97%	93%
601-107 Heating Theory	40	0	2	42	100%	95%
Face-to-Face	40	0	2	42	100%	95%
601-108 Pncples of Gas Heat & Airfl	37	3	0	40	93%	93%
Face-to-Face	37	3	0	40	93%	93%
601-109 Prin of Oil, Elec & Hydron Htg	38	0	2	40	100%	95%
Face-to-Face	38	0	2	40	100%	95%
601-116 Principles of Air Conditioning	32	5	0	37	86%	86%
Face-to-Face	32	5	0	37	86%	86%
601-118 Sustainability for HVAC	33	1	2	36	97%	92%
Face-to-Face	33	1	2	36	97%	92%
601-121 HVAC/R Service & Applications	25	5	2	32	83%	78%
Face-to-Face	25	5	2	32	83%	78%
601-122 HVACR Industry Skills 2	30	1	1	32	97%	94%
Face-to-Face	30	1	1	32	97%	94%
601-123 HVACR Industry Skills 1	36	0	2	38	100%	95%
Face-to-Face	36	0	2	38	100%	95%
601-125 Safety - HVAC	42	1	2	45	98%	93%
Face-to-Face	42	1	2	45	98%	93%
601-130 Sheet Metal Layout	31	3	0	34	91%	91%

A/C, Heating, and Refrigeration Tech (31-401-1)
2019-20 Course Success

Course & Delivery Method	Successful Count	Unsuccessful Count	Withdrawal Count	Enrollment Count	% Successful Excluding Withdrawals	% Successful Including Withdrawals
Face-to-Face	30	3	0	33	91%	91%
Hybrid (50% or more online)	1	0	0	1	100%	100%
601-140 Electricity Theory	42	1	2	45	98%	93%
Face-to-Face	42	1	2	45	98%	93%
601-144 Solar/Wind Applications	24	9	0	33	73%	73%
Face-to-Face	24	9	0	33	73%	73%
601-145 Geothermal Applications	30	2	1	33	94%	91%
Face-to-Face	30	2	1	33	94%	91%
601-146 Schematic Wiring-HVACR	33	5	0	38	87%	87%
Face-to-Face	33	5	0	38	87%	87%
601-147 Schematic Wiring-Trblshtng	23	7	0	30	77%	77%
Face-to-Face	23	7	0	30	77%	77%
601-148 Electricity Principles	38	5	2	45	88%	84%
Face-to-Face	38	5	2	45	88%	84%
601-151 Technical Problems-HVAC	27	3	2	32	90%	84%
Face-to-Face	27	3	2	32	90%	84%
601-161 HVAC Load Calc & Psychrometric	27	7	3	37	79%	73%
Face-to-Face	27	7	3	37	79%	73%
801-196 Oral/Interpersonal Comm	30	3	2	35	91%	86%
Face-to-Face	28	3	2	33	90%	85%
Online	2	0	0	2	100%	100%
804-113 College Technical Math 1A	1	0	0	1	100%	100%
Online	1	0	0	1	100%	100%
809-199 Psychology of Human Relations	1	0	0	1	100%	100%
Online	1	0	0	1	100%	100%
Grand Total	690	66	27	783	91%	88%