Program Scorecard 2015-2016
Air Cond, Heating & Refrg Tech 10-601-1

Student Demographics	2015 16		2014 15		2013 14	
	Num	Pct	Num	Pct	Num	Pct
Full-Time	18	71.9%	26	86.6%	28	75.6%
Part-Time	7	27.9%	4	13.3%	9	24.3%
Disabilities	2	8.0%	2	6.6%	1	2.7%
Minorities	3	12.0%	4	13.3%	6	16.2%
Financial Aid	12	46.1%	18	56.2%	22	57.8%
Male	25	100.0%	30	100.0%	36	97.3%
Female	0	0.0%	0	0.0%	0	0.0%
Mean Age	27		25		28	
Median Age	23		22		24	
Mode Age	20		19		20	
Bias per WTCS (NTO)	Female		Female		Female	
Total Program Students	25		30		37	
Total Pre-Progam Students	1		2		1	

Note: Demographics include program students only, with exception of financial aid.

Student Interest	2015 16	2014 15	2013 14	2012 13	2011 12
New Program Students	12	18	20	27	25
Capacity	29	29	29	29	29
Percent Capacity	41.4%	62.1%	69.0%	93.1%	86.2%
Percent Capacity	**Target:**	**100%**		**Threshold:**	**58.8%**
Wait List	0	0	0	2	6

Graduate Placement	2015 16	2014 15	2013 14	2012 13	2011 12
Graduates	10	6	10	13	11
Regional Job Openings	12	34	14	11	14
Jobs per Graduate	1.2	5.7	1.4	0.8	1.3
Employed Related	N/A	100.0%	100.0%	75.0%	100.0%
Employed Related	**Target: 100%**			**Threshold:**	**64.8%**
Seeking Employment	N/A	0.0%	0.0%	25.0%	0.0%
Continuing Education	N/A	0.0%	0.0%	0.0%	0.0%
Survey Response Rate	N/A	66.6%	80.0%	69.2%	36.3%

Graduate Wages	2015 16	2014 15	2013 14	2012 13	2011 12
Graduate Median Wage	N/A	$37,428	$37,428	$32,232	$30,156
Cluster Median (Grad.)	N/A	$42,108	$49,872	$37,428	$32,028
Rgnl Entry Level Wage	$39,540	$48,593	$42,036	$44,554	$37,814

Note: Tips, commissions, live-in provisions, or annual bonuses may not be reported. The regional (CVTC's 11-county district) entry-level wage is based on EMSI's 25th percentile hourly wage, multiplied by 2,080 hours. Prior to 2015-16, the regional median wage was reported.

Student Success

	Cohort Year							
Graduation Rates	**12-13**	**11-12**	**10-11**	**9-10**	**8-9**	**Target**	**Thrshld**	**Nat'l Bnchmrk**
150% Cohort Grad Rate	37.0%	34.4%	45.1%	48.2%	36.3%	70.0%	31.0%	37.5%
200% Cohort Grad Rate	N/A	37.9%	45.1%	48.2%	40.9%	77.0%	28.0%	N/A

	Academic Year							
Retention Rates	**15-16**	**14-15**	**13-14**	**12-13**	**11-12**	**Target**	**Thrshld**	**Nat'l Bnchmrk**
Fall-to-Fall	66.6%	42.1%	56.6%	74.0%	41.1%	79.0%	45.0%	48.2%
Core Course Retention/Success								
Retention Rate	100.0%	95.6%	100.0%	95.4%	99.7%	100.0%	86.0%	91.6%
Enrollee Success Rate	88.2%	78.9%	82.5%	84.8%	90.6%	100.0%	78.0%	76.5%
General Education Course Retention/Success								
Retention Rate	91.0%	90.9%	91.1%	90.0%	92.5%	100.0%	88.0%	89.3%
Enrollee Success Rate	67.8%	68.1%	73.5%	70.9%	69.4%	94.0%	67.0%	64.7%
Related Course Retention/Success								
Retention Rate	100.0%	100.0%	90.0%	100.0%	100.0%	100.0%	84.0%	N/A
Enrollee Success Rate	100.0%	100.0%	90.0%	100.0%	100.0%	99.0%	67.0%	N/A

Technical Skills Attainment	15-16	14-15	13-14	12-13	11-12	Current WTCS TSA Phase
Assessed- Passed						Phase III- Implemented
Assessed- Not Passed						
Not Assessed						

Student Surveys	15-16	14-15	13-14	12-13	CVTC	Nat'l Bnchmrk	NCCBP Percentile
SSI- Instructional Effectivness by Program (Scale 1-7)		6.0		5.7	6.0	5.6	96%
CCSSE-Active & Collaborative Learning by Cluster (Scale 1-4)	2.46		2.41		2.25	2.12	88%

Career Cluster
Construction

Air Cond, Htg & Refrig Technology - 2016 Course Success

Delivery Method	Success Rate
Face-to-Face	**83%**
Online	**33%**

	Successful	Unsuccessful	Withdraw	Total	Success Rate
106011 - Air Cond, Htg & Refrig Technology	**188**	**27**	**12**	**227**	**83%**
10-601-110 PRINCIPLES OF HEAT & AIR FLOW	8	2	1	11	**73%**
Face-to-Face	8	2	1	11	**73%**
10-601-111 PRINCIPLES OF REFRIGERATION	9	1	1	11	**82%**
Face-to-Face	9	1	1	11	**82%**
10-601-112 PRINCIPLES OF AIR HANDLING	9	0		9	**100%**
Face-to-Face	9	0		9	**100%**
10-601-113 HVAC SYSTEMS DESIGN	9	0		9	**100%**
Face-to-Face	9	0		9	**100%**
10-601-114 PLAN & PRINT READING-HVAC	6	1		7	**86%**
Face-to-Face	6	1		7	**86%**
10-601-116 PRINCIPLES OF AIR CONDITIONING	9	2	1	12	**75%**
Face-to-Face	9	2	1	12	**75%**
10-601-117 DRAFTING-HVAC	9	0		9	**100%**
Face-to-Face	9	0		9	**100%**
10-601-118 SUSTAINABILITY FOR HVAC	3	0		3	**100%**
Face-to-Face	3	0		3	**100%**
10-601-119 HYDRONIC/GEOTHERMAL SYS DESIGN	4	1		5	**80%**
Face-to-Face	4	1		5	**80%**
10-601-120 GEOTHERMAL/SOLAR APPLICATIONS	10	0		10	**100%**
Face-to-Face	10	0		10	**100%**
10-601-122 HVACR INDUSTRY SKILLS	11	0		11	**100%**
Face-to-Face	11	0		11	**100%**
10-601-125 SAFETY - HVAC	9	1	1	11	**82%**
Face-to-Face	9	1	1	11	**82%**
10-601-130 SHEET METAL LAYOUT	8	2		10	**80%**
Face-to-Face	8	2		10	**80%**

10-601-141 ELECTRICITY-HVAC	10	1	1	12	**83%**
Face-to-Face	10	1	1	12	**83%**
10-601-142 SCHEMATIC WIRING-HVAC	9	2		11	**82%**
Face-to-Face	9	2		11	**82%**
10-601-143 ADVANCED HVAC CONTROLS	8	0		8	**100%**
Face-to-Face	8	0		8	**100%**
10-601-151 TECHNICAL PROBLEMS-HVAC	8	3		11	**73%**
Face-to-Face	8	3		11	**73%**
10-601-161 HVAC LOAD CALC & PSYCHROMETRIC	10	1		11	**91%**
Face-to-Face	10	1		11	**91%**
10-601-165 CAD - HVAC	6	1		7	**86%**
Face-to-Face	6	1		7	**86%**
10-801-136 ENGLISH COMPOSITION 1	4	1	2	7	**57%**
Face-to-Face	4	0	2	6	**67%**
Online	0	1		1	**0%**
10-801-197 TECHNICAL REPORTING	5	0	1	6	**83%**
Face-to-Face	4	0		4	**100%**
Online	1	0	1	2	**50%**
10-804-113 COLLEGE TECHNICAL MATH 1A	3	5	4	12	**25%**
Face-to-Face	3	5	4	12	**25%**
10-804-114 COLLEGE TECHNICAL MATH 1B	1	0		1	**100%**
Face-to-Face	1	0		1	**100%**
10-806-143 COLLEGE PHYSICS 1	5	2		7	**71%**
Face-to-Face	5	2		7	**71%**
10-809-195 ECONOMICS	6	0		6	**100%**
Face-to-Face	6	0		6	**100%**
10-809-197 CONTEMPORARY AMER SOCIETY	4	0		4	**100%**
Face-to-Face	4	0		4	**100%**
10-809-199 PSYCHOLOGY OF HUMAN RELATIONS	5	1		6	**83%**
Face-to-Face	5	1		6	**83%**