

JCCC Program Review Summary 2021

Subject: Heating,Vent.,Air Conditioning

Resource Utilization Indicators

	Number of Faculty		Student Credit Hours by Faculty Type		
	Part Time	Full Time	Part Time	Full Time	Total
2019	6	2	716	785	1501
2020	6	2	658	911	1569
2021	5	2	362	817	1179

Notes:

Faculty type determined using cost center (org #). Some subjects may have more than one org #.

A full-time faculty member teaching a subject NOT tied to his or her home cost center is counted as part-time for that subject.

Total Student Credit Hours (SCH) are divided by the number of faculty teaching the class. E.g., for a class generating 30 SCH with 3 full-time faculty, then 10 SCH go to each faculty member.

Quality Indicators - Enrollment

Year	Subject	Subject Prefix	Headcount (unduplicated)	seats filled	#sections	Average Class Size	% Student Completion	% Student Success	% Student Attrition	Student Credit Hours
2019	Heating,Vent.,Air Conditioning	HVAC	149	501	43	11.7	97	94	2	1,501
2020	Heating,Vent.,Air Conditioning	HVAC	147	554	44	12.6	93	87	6	1,569
2021	Heating,Vent.,Air Conditioning	HVAC	90	413	37	11.2	96	89	3	1,179

Notes:

Attrition rate: number of students with a W grade divided by total enrolled (unduplicated headcount)

Success rate: number of students with grades A, B, C, or P divided by total enrolled (unduplicated headcount)

Completion rate: number of students with grades A, B, C, D, F, or P divided by total enrolled (unduplicated headcount)

Quality Indicators - Expenses & Revenue

Year	Subject	Direct Tuition Revenue	Direct Expenses	Direct Cost Per CrHr	Total Revenue	Total Expenses	Total Cost Per CrHr
2018	Heating,Vent.,Air Conditioning	\$112,651.88	\$461,878.45	\$285.11	\$697,129.29	\$950,592.00	\$586.79
2019	Heating,Vent.,Air Conditioning	\$135,675.97	\$529,955.43	\$339.93	\$713,336.89	\$950,987.45	\$610.00
2020	Heating,Vent.,Air Conditioning	\$127,546.51	\$493,718.21	\$338.16	\$928,976.37	\$1,286,502.66	\$881.17

Notes:

CrHr: Credit Hour

Direct: Includes department expenses/revenues as well as percentage of direct administrative expenditures.

Indirect: Includes a percentage of expenses and revenues associated with all other areas of campus that provide support to your program.

Total: Includes both direct and indirect

Source Activity Based Cost (ABC) model updated Fall 2020.

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Quality Indicators - Program Outcomes

% Placement Rate for Graduates

Employed	2017-2018	2018-2019	2019-2020
Commercial Service Techn (6250 cert)			
Gen Bas HVAC Install Duct Fab (3780 cert)			
Gen Bas HVAC Sales Design Esti (3800 cert)			
Gen Basic HVAC Maintenance (3790 cert)			
General Basic HVAC (3770 cert)			
HeatVentAirCond&RefTech AAS (2860 assoc)	60%	60%	100%
HeatVentAirCondTechCert (6230 cert)	82%	43%	86%
HVAC Commercial Service Tech (2870 assoc)			
HVAC Residential Service Tech (2880 assoc)			
HVAC Technology (3020 assoc)		67%	100%
Installation Technician (6270 cert)			
Residential Service Tech (6260 cert)			

Notes:

Source: JCCC Follow-Up Survey

Placement rate calculation: Total employed in a related field divided by the total who responded to the JCCC Follow-up Survey.

of Graduates

Graduates	2018-2019	2019-2020	2020-2021	Total
HeatVentAirCond&RefTech AAS (2860 assoc)	7	1		8
HeatVentAirCondTechCert (6230 cert)	14	20	16	50
HVAC Technology (3020 assoc)	4	5	4	13

of Graduates Transferring

Transfers	2017-2018	2018-2019	2019-2020
Commercial Service Techn (6250 cert)			
Gen Bas HVAC Install Duct Fab (3780 cert)			
Gen Bas HVAC Sales Design Esti (3800 cert)			
Gen Basic HVAC Maintenance (3790 cert)			
General Basic HVAC (3770 cert)			
HeatVentAirCond&RefTech AAS (2860 assoc)	2	0	0
HeatVentAirCondTechCert (6230 cert)	0	0	0
HVAC Commercial Service Tech (2870 assoc)			
HVAC Residential Service Tech (2880 assoc)			
HVAC Technology (3020 assoc)		0	0
Installation Technician (6270 cert)			
Residential Service Tech (6260 cert)			